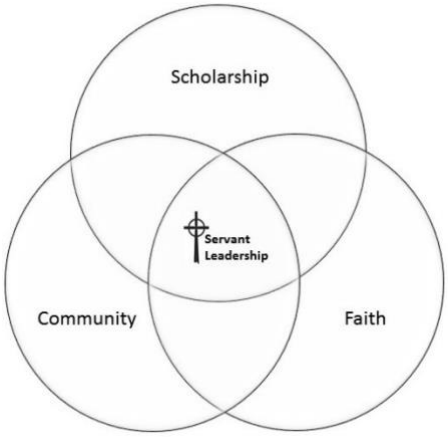
MILLIGAN UNIVERSITY

CATALOG 2022-23

OUR MISSION

As a Christian liberal arts university, Milligan University seeks to honor God by educating men and women to be servant-leaders.

Milligan University defines servant-leadership as a set of dispositions that models, inspires, and advances a shared vision through a commitment to serving others and intentional self-sacrifice rooted in Christian community. Three intertwined spheres form the core values of Milligan's educational and co-curricular experiences: Scholarship, Community, and Faith. The values, knowledge, and skills that reside at the intersection of these three spheres form the effective servant-leader.



Scholarship

Scholarship is a form of inquiry that stresses the techniques of observation, study, analysis, experimentation, and recording in the acquisition, creation, and application of knowledge. Milligan students are led to develop a respect and enthusiasm for sound scholarship and to seek it with diligence and perseverance. The acquisition, creation, and application of knowledge are not ends in themselves. These activities are means in pursuit of the abundant life that Jesus promised those who follow him as Savior and Lord (John 10:10).

Community

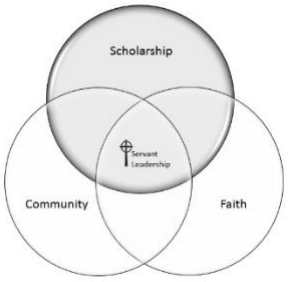
Christian community offers its members a dynamic and supportive environment in which students join faculty and staff, supported by alumni and others, in exploring and practicing the personal and communal dimensions of individual and corporate responsibility under the Lordship of Jesus Christ. This responsibility flows from the stewardship of life and resources rooted in the teachings of the Christian scriptures and focuses on service to humanity to the glory of God. Such a high calling can be maintained and pursued only within a community in which servant-leadership is a way of living.

Faith

Faith is the conviction that God exists and has spoken definitively, revealing the glory of His nature and His will for humankind through the person of Jesus Christ (Hebrews 1:1-5). More than simple assent to a set of doctrines or the tenets of a tradition, faith finds its expression in a life of discipleship in which the believer, taking Christ as both teacher and example, learns from Him how to live. This life of faithful obedience is meant to be pursued alongside others in community, in response to God's redemptive action, and to reflect the present and coming Kingdom of God, the essence of which is servanthood.

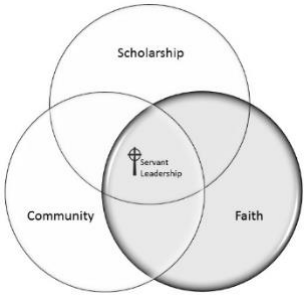
INSTITUTIONAL OUTCOMES

Just as scholarship, community, and faith undergird the Milligan educational experience, they also frame the intended institutional outcomes:



In Scholarship
Milligan graduates will demonstrate the ability to acquire, create, and apply knowledge through sound scholarship.

In Community
Milligan graduates will demonstrate the skills and attributes needed to assume personal responsibility in society and engage culture within the context of Christian community.



In Faith
Milligan graduates will demonstrate a positive, personal Christian faith in Jesus as Lord and Savior with a commitment to follow the teachings of the Christian scriptures in personal, professional, and social ethics.

Academic and co-curricular programs, educational support services, and administrative support services endeavor to support Milligan University's institutional outcomes as listed above within their unique context. To this end, each academic program establishes specific student learning outcomes and support areas to establish student-centered outcomes that serve the larger institutional outcomes.

Academic Calendar

Fall Semester 2022

August 20	Residence Halls Open to New Students
August 20	Matriculation of New Students
August 20 - 22	New Student Orientation – Undergraduate
August 21	Residence Halls Open to Returning Students
August 22	Advising, Mentoring, and Registration
August 23	Classes Begin
November 23 - 25	Thanksgiving Holidays
December 2	Last Day of Classes
December 5-8	Final Examinations
December 9	Commencement

January Term

January 2 - 7	Classes begin; classes end

Spring Semester 2023

January 8	Residence Halls Open to New Students and Returning Students
January 9	Classes Begin
January 16	Martin Luther King Jr. Day
March 6 - 10	Spring Break
April 7 – 10	Easter Break; classes resume at 8 a.m. on Tuesday, April 11
April 20	Awards Convocation
April 21	Last Day of Classes
April 24-27	Final Examinations
April 29	Commencement

May Term

May 1 -19	Classes begin; classes end

Summer Session 2023

May 30 – June 23	First Term Classes
June 26 – July 21	Second Term Classes

About this Catalog

This Catalog is published for the purpose of providing information about the University and its programs. Announcements contained herein are subject to change without notice and may not be regarded in the nature of binding obligations to the University. Milligan University reserves the right to change prices, curricula, policies, and practices as described in this Catalog as circumstances, efficiency of operations, and fiscal contingencies may require.

Milligan University provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan University, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and the student's application of appropriate study techniques to any course or program. As a result, Milligan University does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to pass or complete any specific examination for any course, degree, or license.

This catalog is in effect for the period of Fall Semester 2022 through Summer Terms 2023. It may be updated throughout that period in a variety of ways, including (but not limited to) the following:

- Announcement of the impending closure of a program
- New programs
- Academic policies (changes, additions, and deletions if applicable during this catalog year)
- Course Listings and Course descriptions (changes, additions, and deletions)
- Student Services (new information or clarification)

Changes in curriculum and in academic and admission policies will not be made within a catalog year unless the change is clearly to the benefit of those to whom it would apply, is optional (but beneficial to some), or can be accommodated without serious difficulty within the normal span allowed for a degree. Significant changes in curriculum or academic or admission policies will normally begin with a new academic year and a new catalog. Depending on the nature of the change, changes in academic policies may be applied to all students, regardless of the catalog under which they entered. However, changes in curriculum apply only to students who first enroll in a program during the academic year in which a change in curriculum becomes effective, or students who transfer into such a program during that year.

Milligan University agrees to provide a reasonable educational or financial alternative in the unlikely event that the institution cannot fully deliver the instruction for which a student has contracted. Alternatives may include teach-out provisions, assistance with transfer, tuition assurance funds, or other practices deemed sufficient to protect students.

Milligan does not discriminate on the basis of race, color, national and ethnic origin, sex, age, or disability in the administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

Contact Information

Office of Enrollment Management

Inquiries concerning admission to the University should be directed to:

Contact: Admissions Office
Address: P.O. Box 210, Milligan, TN 37682
Location: Little Hartland Welcome Center
Phone: 423.461.8730 or 800.262.8337
Email: admissions@milligan.edu
Web: www.milligan.edu

Office of Student Financial Services

Inquiries concerning financial aid or your student account should be directed to:

Contact: Student Financial Services Office
Address: P.O. Box 250, Milligan, TN 37682
Location: McCown Cottage, first floor
Phone: 423.461.8949 or 800.447.4880
Email: SFS@milligan.edu
Web: www.milligan.edu/SFS

Office of the Registrar

Inquiries concerning transcripts, academic records, enrollment verification, and course offerings should be directed to:

Contact: Registrar's Office
Address: P.O. Box 52, Milligan, TN 37682
Location: Derthick Hall 103
Phone: 423.461.8788
Email: Registrar@milligan.edu
Web: www.milligan.edu

Office of Residence Life

Inquiries concerning residence halls or available housing should be directed to:

Contact: Student Development Office
Address: P.O. Box 500, Milligan, TN 37682
Location: McMahan Student Center, first floor
Phone: 423.461.8760
Email: tjones@milligan.edu
Web: www.milligan.edu

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University Profile

Milligan University

Milligan is a private Christian liberal arts university integrating academic excellence with a Christian world view. The University consistently is nationally recognized for quality and value, recently named by *US News and World Report* as one of the best regional universities in the South for quality and value, as well as by *Washington Monthly*, ranking among the top master's universities in the nation. Milligan's mission is: **As a Christian liberal arts university, Milligan University seeks to honor God by educating men and women to be servant-leaders.**

Academics

Academic Program

Milligan offers students a Christian liberal arts education in a community of inquiry, responsibility, and caring. The liberal arts are taught from a perspective of God's activity with humanity. The University's strong core curriculum educates students toward the world in an open and constructive way, to lead and to serve.

Degrees Awarded

More than 30 academic majors, 10 master's, one specialist, and two doctoral degree programs, including Bachelor of Arts, Bachelor of Science, Bachelor of Science in Nursing, Bachelor of Social Work, Master of Arts in Coaching and Sport Management, Master of Arts in Humanities, Master of Arts in Religion, Master of Business Administration, Master of Arts in Christian Ministries, Master of Divinity, Master of Education, Master of Science in Counseling, Master of Science in Occupational Therapy, Master of Science in Physician Assistant Studies, Education Specialist, Doctor of Education, and Doctor of Ministry.

Accreditation

Milligan University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, master's, and doctoral degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Milligan University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404.679.4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Faculty

90% of Milligan's 100 full-time faculty have earned the highest degree in their field from graduate schools across the US and abroad. Milligan's faculty and staff are unapologetically Christian. They are mature and caring Christian scholars who are committed to world-class scholarship, excellence in teaching, their Christian faith, and the faith development of their students.

Student-Faculty Ratio

An undergraduate student-faculty ratio of 10:1 offers personal attention; class sizes typically range from 10-15 students.

Student Life

Student Body

Milligan's 1,200 students come from more than 30 states and more than 30 nations.

Residence Life

75% of traditional undergraduate students live on campus in one of 11 residence halls, creating a true collegiate environment. Each residence hall has a resident director (RD) and trained undergraduate resident assistants (RA) to help students with self-government, counseling, and social and cultural programming. On campus housing is also available for married and graduate students. The Milligan Student Apartments (MSA) and Emmanuel Village provide convenient, independent housing with the benefit of campus life.

Clubs and Organizations

More than 40 service, honorary, professional, and campus life organizations encourage servant leadership.

Athletics

Milligan is an athletic powerhouse in the Appalachian Athletic Conference (AAC) and National Association of Intercollegiate Athletics (NAIA), with 31 intercollegiate sports. The University maintains high standards for its athletes and has produced numerous All-Americans, All-Conference, and Academic All-American players, as well as 22 National Champions in Track and Field, Womens Cross Country, Mens Swimming and Cycling. Men's sports include baseball, basketball, bowling, cross country, cycling, ESports, golf, soccer, swimming, tennis, indoor/outdoor track and field, triathlon, and volleyball. Women's sports include basketball, bowling, cheerleading, cross country, cycling, dance, ESports, flag football, golf, soccer, softball, swimming, tennis, indoor/outdoor track and field, triathlon, and volleyball.

Spiritual Life

Church Affiliation

Throughout its history Milligan University has maintained an active relationship to the Stone-Campbell movement of the 19th century (non-denominational Christian Churches/Churches of Christ) — a religious movement committed to the restoration of New Testament Christianity and the unity of all believers.

Campus Ministry

Students can participate in existing spiritual formation and discipleship activities such as chapel and vespers services, cross cultural mission trips, community service, spiritual renewal week, Bible studies, prayer vigils, retreats, devotional breakfasts, church leadership conferences, and Fellowship of Christian Athlete events.

Calling

Milligan's "Servant-Leader Experience" program is a comprehensive program encompassing the entire student experience. Through student life, spiritual life, and academic programs, the entire student experience at Milligan is designed to encourage students to reflect on how their faith is related to their career choices and what it means to be "called" to lives of service.

Location and Facilities

Milligan's 355-acre picturesque campus is located in scenic northeast Tennessee, minutes from Johnson City in the dynamic Appalachian Highlands. An All-America Region, the Appalachian Highlands is listed as one of the top 25-50 metropolitan areas in the US.

For more information about Milligan University, visit www.milligan.edu or call 800.262.8337.

Milligan's mission

As a Christian liberal arts university, Milligan University seeks to honor God by educating men and women to be servant leaders.

Nature of the University

The Milligan University tradition is expressed in the motto "Christian Education — the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son — Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan University has been coeducational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan University that each course is taught with an awareness of how it fits into a biblical worldview. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

Throughout its history, Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the University maintain an intelligent awareness of a commitment to this position. The members of Milligan University feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In the Milligan tradition, students are confronted with a synthesis of learning. The University regards this synthesis of learning as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and humanity.

It is a further significant characteristic that Milligan University believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan University or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined at Milligan University as those studies and disciplines through which the human spirit is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free people. Only those individuals who recognize the dignity and sanctity of human life can hold the concept of freedom. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. This learning gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of humanity and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research. Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated person.

Another characteristic of Milligan University is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan University are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the University addresses itself to this question: "Has Milligan University sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan University consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisors, the Administration, the Faculty, the Staff, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. The University at its discretion through established channels extends admission to membership in any one of the divisions.

Admission to membership in Milligan University carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the University.

Heritage

In the 1830s, freedom-loving people introduced the Restoration principles into the religious life of East Tennessee. They established churches and schools. Milligan owes its beginnings to the school conducted in the old Buffalo Church, which is now the Hopwood Memorial Church.

On December 10, 1866, **Wilson G. Barker** established the Buffalo Male and Female Institute, a State of Tennessee chartered school. He constructed a building and instruction began the next year. In 1875, **Josephus Hopwood**, a native of Kentucky, assumed the leadership of this academy.

In 1881, Hopwood announced both the elevation of the institute to collegiate rank and the new name, Milligan College (the official charter was granted in 1882). He chose this name to honor **Professor Robert Milligan** of Kentucky University (Transylvania). President Hopwood regarded Milligan as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the college. He looked to the physical sciences as the source of the conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as a means of sustaining a free social order and of reducing scientific knowledge to the service of humanity in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary controls through which one could establish and maintain a culture in blending the first three. To this end, he adopted the motto, "Christian Education — the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Lynchburg, Virginia. From 1903 to 1915, Milligan had five presidents, one of whom was **Henry R. Garrett**, an 1889 graduate, professor, and the first alumnus of the college to serve as president. He served from 1903 to 1908. In 1915, Dr. Hopwood, who had completed the founding of the colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year interim presidency.

In 1917, **Henry J. Derthick** became the eighth president of Milligan. During this period Milligan College served many young people from the Southern Highlands. The campus was expanded to some 60 acres, and the facilities of the college were increased. The Administration Building, now called Derthick Hall, was rebuilt after a fire. Dr. Derthick succeeded in bringing the college

through the period of World War I and the Great Depression, preserving the academic integrity and quality of the college.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July 1943 to June 1945, a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the college was resumed under the presidency of **Virgil Elliott** in 1945. Two major problems confronted the college at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GIs to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a 25 year professorship at the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of the country, the college adopted a long-range development program. Students were enlisted from a larger area, encompassing most states and several foreign countries. During Dr. Walker's administration, the campus was expanded to more than 135 acres of land. New buildings included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, Seeger Memorial Chapel, and Hart Hall. On November 1, 1960, Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960, Milligan College was admitted into membership in the Southern Association of Colleges and Schools. In 1965, Walker led in the establishment of Emmanuel School of Religion, which was operated using Milligan facilities in its early years before the completion of its campus. The institution operated independently as Emmanuel Christian Seminary until it became part of Milligan College in 2015.

In June 1968, **Dr. Jess W. Johnson**, having served in the capacity of Executive Vice President for two years, was elevated to the presidency of the college on the retirement of President Dean E. Walker. The campus continued to develop under Dr. Johnson's leadership. The college constructed the following buildings: The Faculty Office Building (1969), the Science Building (1972), Student Apartments (1974), Steve Lacy Fieldhouse (1976), and Little Hartland (1977).

On January 1, 1982, **Marshall J. Leggett** became the 13th president of the College. During his tenure, the College offered its first master's degree, the Master of Education. The College constructed the McMahan Student Center (1987) and renovated the old student union building as Paxson Communication Center. The College also renovated the upper level of Hardin Hall to house the Arnold Nursing Science Center. Quillen, Kegley, and Williams Halls were built. During Dr. Leggett's tenure, enrollment increased 50% from its lowest point in fall 1986 to 907 in fall 1997. Dr. Leggett retired on June 30, 1997, and became Chancellor.

Donald R. Jeanes, a Milligan alumnus, became the 14th president on July 1, 1997. Under his leadership, the college continued its momentum. The master's program in occupational therapy enrolled its first class in August 1998. To accommodate this program addition, the lower level of Hardin Hall was renovated as the McGlothlin-Street Occupational Therapy Center (1998). The Occupational Therapy Program received professional accreditation in 2000. The college renovated Derthick Hall and the Baker Faculty Office Building, along with the historic Alf Taylor house. The Taylor/Phillips House now serves as a hospitality and reception center. The Nursing Program received professional accreditation in 2003. In February 2004, the college began its third master's degree program, the Master of Business Administration. The W. T. Mathes Tennis Complex was dedicated in 2005, and a new maintenance building was constructed. The Elizabeth Leitner Gregory Center for the Liberal Arts was dedicated February 1, 2008. The Marvin Gilliam Wellness Center was constructed and opened in spring 2010. Milligan also had a record enrollment of 1026 in fall 2008 and established a new record of 1100 in fall 2009. President Jeanes retired July 15, 2011. During his tenure, the college acquired additional acreage adjacent to the campus, increasing its size to 195 acres.

Dr. William B. Greer, a 1985 alumnus, became the 15th president of Milligan College on July 16, 2011. Coming to Milligan in 1994, Dr. Greer served as a member of the college's faculty for 12 years and became the Vice President for Institutional Advancement in 2007. He chaired the business area for several years and was the founding director of the Master of Business Administration program. During his presidency, he has overseen the addition of new programs and campus improvements, including a housing village consisting of five new residence halls and the renovation of the Fireside Grill in the McMahan Student Center. Tara Court, a presidential home and hospitality venue, was donated to the college in 2013. Under Dr. Greer's leadership, Milligan has enjoyed record enrollment and has added 12 undergraduate majors (computer science, criminology/criminal justice, cybersecurity, economics, electrical engineering, graphic design, international studies, mechanical engineering, musical theatre, political science, social work, and Spanish), the Milligan Honors Program, as well as several graduate programs (Doctor of Education, Educational Specialist, Master of Arts in Coaching and Sport Management, Master of Arts in Humanities, Master of Science in Counseling, and Master of Science in Physician Assistant Studies). In addition, the college's academic areas were reorganized into five schools. The William B. Greene, Jr., School of Business and Technology became the first of the five schools to be named thanks to a generous gift from Greene. In 2015, Emmanuel Christian Seminary and its four graduate programs became part of Milligan's School of Bible and Ministry. The campus expanded by 40 acres with the addition of the B.D. Phillips Building, the Emmanuel Village, and the Thompson Community Center. Milligan's School of Bible & Ministry received a $1 million donation from First Christian Church in Johnson City to launch the Ministry Leadership Program in the fall of 2018, and Emmanuel Christian Seminary at Milligan received a $1 million grant from Lilly Endowment, Inc. to establish a Ministry Resource Center in 2018.

During Dr. Greer's tenure, the University has received numerous national recognitions, including the President's National Honor Roll for Community Service, being ranked consecutively among the best regional universities in the South for quality and value by *US News and World Report*, and among the top master's universities in the nation by *Washington Monthly*. In 2016, Milligan celebrated its 150th year, and in October 2019, Dr. Greer announced Milligan College's plans to officially become Milligan University on June 1, 2020. The university name is integral to a number of Milligan's strategic goals, including greater market recognition, continued enrollment growth, expanded international partnerships, and student recruitment. The first major campus project for Milligan University was student-focused and involved a renovation of the McMahan Student Center.

Commitment to Non-Discrimination

Commitment to all People

As members of the Milligan University community and in faithfulness to the teaching of Scripture, we commit ourselves to honoring and broadening the diversity of our community and to treating every person with respect, dignity, and love. By reflecting the diversity of God's kingdom, the University bears witness to that kingdom and equips students to serve in a diverse and interdependent world.

In accordance with the Age Discrimination Act, Title IX, and Section 504 of the Rehabilitation Act, Milligan University admits students of any race, color, national, and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at Milligan. Milligan does not discriminate on the basis of race, color, national and ethnic origin, sex, age, or disability in the administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

Concerns should be addressed to the University's Title IX coordinator (TitleIXCoordinator@milligan.edu) or Director of Disability Services (disabilityservices@milligan.edu).

Concerns and Issues

Policy for Students

After students have exhausted appropriate appeals processes by communicating with faculty and staff directly involved in the issue at hand, students may lodge formal complaints, in writing, using the Student Complaint Form available on the website and in the Student Development Office.

Student Affairs Issues (e.g., housing, food service, student activities, athletics, intramurals, spiritual life, parking): Complaints should be directed to the Dean of Students.

Academic Affairs Issues (e.g., faculty, courses, schedules, transcripts, information technology, registration): Complaints should be directed to the vice president for academic affairs.

Business Affairs Issues (e.g., financial aid, workstudy, student accounts, bookstore, physical facilities and grounds): Complaints should be directed to the vice president for business and finance.

The vice president (student development, academic affairs, business and finance) will respond to complaints within a reasonable time. Should the response be unsatisfactory, or should a complaint arise for an area not listed above, a formal written complaint may be submitted to the Office of the President.

Policy for the Public (Persons other than Students)

After persons other than students have exhausted appropriate appeals processes by communicating with university personnel directly involved in the issue at hand, persons may lodge formal complaints, in writing, using the Complaint Form for the Public (Persons other than Students) available on the website and in the Office of the President. The President or his/her assignees will respond to complaints within a reasonable time.

Formal written complaints that may affect the accreditation status of the University should be submitted to the Southern Association of Colleges and Schools Commission on Colleges. The complaint form is available on the Commission's website (http://www.sacscoc.org/pdf/081705/complaintpolicy.pdf). Following is a statement taken from the SACSCOC policy statement titled, "Complaint Procedures against the Commission or its Accredited Institutions": "Because the Commission's complaint procedures are for the purpose of addressing any significant non-compliance with the Commission's standards, policies, or procedures, the procedures are not intended to be used to involve the Commission in disputes between individuals and member institutions, or cause the Commission to interpose itself as a reviewing authority in individual matters of admission, grades, granting or transferability of credits, application of academic policies, fees or other financial matters, disciplinary matters or other contractual rights and obligations. Nor does the Commission seek redress on an individual's behalf. Furthermore, the Commission will not serve as a grievance panel when the outcome of institutional grievance or appeal processes is unsatisfactory to the complainant."

Complaints related to the application of state laws or rules related to approval to operate or licensure of a particular professional program within a postsecondary institution shall be referred to the appropriate state board (i.e., State Board of Health, State Board of Education, and so on) within the Tennessee State Government and shall be reviewed and handled by that licensing board. See applicable information at http://www.tn.gov; then search for the appropriate division.

Complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Tennessee Division of Consumer Affairs and shall be reviewed and handled by that unit (http://www.tn.gov/consumer/).

Accreditation

Institutional Accreditation

SACSCOC: Milligan University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, master's, education specialist, and doctoral degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Milligan University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or by calling 404-679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Specialized/Program Accreditations

ABET: Milligan University's bachelor's degree programs in electrical engineering and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, 415 North Charles St., Baltimore, MD 21201, telephone: (410) 347-7700, www.abet.org.

ACOTE: The occupational therapy program at Milligan University is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), a division of The American Occupational Therapy Association (AOTA) (6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929; 800-652-AOTA).

ACBSP: Milligan University's business programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP). Contact the ACBSP at 11520 West 119th Street, Overland Park, KS 66213 or call 913-339-9356 for questions about Milligan University's membership.

ARC-PA: The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Milligan University Physician Assistant Program sponsored by Milligan University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA *Standards*. Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the *Standards*. The approximate date for the next validation review of the program by the ARC-PA will be **June 2032**. The review date is contingent upon continued compliance with the Accreditation *Standards* and ARC-PA policy. The program's accreditation history can be viewed on the ARC-PA website at http://www.arc-pa.org/accreditation-history-milligan-university/.

ATS: Emmanuel Christian Seminary at Milligan is accredited by the Commission on Accrediting of the Association of Theological Schools, 10 Summit Park Drive, Pittsburgh, PA 15275-1110, phone 412-788-6505. The following degree programs are approved by the Commission on Accrediting: Master of Divinity, Master of Arts in Religion, Master of Arts in Christian Ministries, and Doctor of Ministry.

CACREP: The Council for the Accreditation of Counseling and Related Educational Programs (CACREP), a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), has granted accreditation to the clinical mental health concentration in the Master of Science in Counseling program.

CAEP: The education program at Milligan is accredited by the Council for the Accreditation of Educator Preparation. This accreditation program covers initial teacher and advanced educator preparation programs.

CCNE: The baccalaureate program at Milligan University is accredited by the Commission on Collegiate Nursing Education (CCNE), located at One DuPont Circle, NW Suite 530 Washington, DC 20036-1120. The CCNE phone number is 207-887-6791.

Campus

Milligan University occupies a campus of 355 acres, rising from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess incredible beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports. The field was named for Senator Tom Anglin of Oklahoma, an early graduate of Milligan.

Baker Faculty Office Center was renovated in 2000-2001 and houses most of the faculty on campus. It is named for Albert and Rhea Baker, friends of Milligan and strong supporters of Christian education. Adjacent to it, the Paul Clark Education Center houses Milligan's undergraduate and graduate programs in teacher education. It is named for Dr. Paul Clark, a longtime professor of teacher education at the college.

The B.D. Phillips Building was the first facility constructed to house the Emmanuel School of Religion. The Phillips building contains the Mildred Welshimer Phillips Chapel, seminary library, archives, student and faculty lounge spaces, administrative and faculty offices, and classrooms and labs for the seminary, engineering, and physician assistant studies program. The building is named in honor of businessman and philanthropist B.D. Phillips, who provided the funds for the building and supported the church and Christian higher education throughout his life. The Phillips building opened in the fall of 1973 and was dedicated in 1974.

David Quillen Athletic Building was completed in 1993 and serves the baseball, softball, and soccer programs at Anglin Field.

Derthick Hall, built in 1919 and formerly known as the Administration Building, occupies the site on which the original brick building of the college was erected in 1867. After a partial renovation in 1978, the building was named in honor of Dr. and Mrs. H. J. Derthick, president of the college from 1917-1940. As part of the Central Campus Project initiated in May 2001, Derthick Hall underwent a comprehensive renovation. The Mary Swords Commons was developed adjacent to Derthick Hall and Hardin Hall.

Elizabeth Leitner Gregory Center for the Liberal Arts houses a 294-seat theatre auditorium and the necessary backstage support, staging, and workshop for theatre classes, as well as darkrooms for photography students. The auditorium also is used for the University's celebrated theatre arts program, humanities program, academic lecture series, and various campus community events.

The Emmanuel Village consists of 38 two-bedroom units and four three-bedroom units available for housing of graduate students and their families. The Village community is a thriving, internationally diverse group of students and their families living, learning, and journeying together. Each English cottage-style townhome features central heat and air, washer and dryer hookups, basic and expanded TV, and internet. There are living opportunities for entire families, married couples, and single students. The Emmanuel Village was built in three phases, the first completed in 2000 and the third coinciding with the completion of the Thompson Center in 2007.

The Gilliam Wellness Center opened in spring 2010. Mr. and Mrs. Richard Gilliam donated the funds to build the facility in memory of Mr. Gilliam's father, Marvin Gilliam, Sr. The facility is equipped with state-of-the-art equipment that was provided by Mr. and Mrs. Denny Mayes. The facility also houses the health clinic and intramurals office.

Hardin Hall was built in 1913, honoring Mr. and Mrs. George W. Hardin, and was the first women's residence hall on campus. Since an extensive renovation in 1992, the building has housed both the nursing and the occupational therapy programs, including faculty offices, laboratories, reading and conference rooms, and general classrooms. The Arnold Nursing Science Center occupies the top three floors, including the Beatrice J. "Jerry" Wilson Lecture Hall, named in honor of the wife of Edgar C. Wilson. The lower level houses the Price Complex, named in honor of Dr. Eugene P. Price, with offices for the business faculty and master of business administration degree program.

Hart Hall, an air-conditioned residence hall for 188 women, was completed in September 1965. In May of 1968, it was named in honor of Dr. and Mrs. John M. Hart.

Hyder House is the former home of Professor and Mrs. Sam Jack Hyder. It now houses the Office of Institutional Advancement.

Kegley Hall built in 1992, honors the late J. Henry Kegley, a local businessman and Milligan graduate. It has six suites consisting of four single rooms, a living room area, and bathroom.

Little Hartland Welcome Center, a gift of Mr. and Mrs. John M. Hart, was completed in 1976 and houses the president's office and enrollment management and marketing.

The Lowell W. Paxson Communications Center contains a state of the art Multimedia MAC lab with 18 student iMac workstations, video edit bays, a convergent newsroom, a newly equipped FM radio station, television studio, and control room. The Paxson Center was originally the Student Union Building but was remodeled in the late 1980s to serve the communications program. The renovation of the original building was made possible through a gift from Lowell W. Paxson.

McCown Cottage was built in 1913 as a home for the college president and his family. The home was originally designed by and named for Mary Hardin McCown, home economics teacher and daughter of George W. Hardin, the college's treasurer. For the past 30 years, the building has housed the business and finance offices and was renovated and expanded in 2005.

McMahan Student Center, built in 1987, was a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes the Fireside Grill, the SUB 7 student recreation room, bookstore, Student Government Association conference room, and office for campus activities. On the upper level of the Student Center are the Ministry Leadership Program and the Center for Calling and Career Development; on the lower level are the offices of Information Technology, Disability Services, Residence Life, Student Development, Student Activities, and Student Success.

The Milligan Village is a multi-unit residential complex first opened in 2013. Largely funded through the generosity of Richard and Leslie Gilliam, the complex currently consists of five residence halls with future plans calling for the addition of seven more. Each hall consists of a number of suite-style units, each with five private bedrooms and shared living space. The five halls are named in honor of individuals who have had significant impact upon the University. Jeanes Hall is named to honor past president and first lady Don and Clarinda Jeanes. McAnally Hall is in memory of Milligan friend Ruth McAnally. Pardee Hall commemorates the original residence hall of the same name. Wigginton Hall honors the service of Gene and Shirley Wigginton. Hampton Hall is in memory of past professors Roy and Wanda Lee Hampton. The Village also contains laundry facilities, a multi-purpose community room, an outdoor commons for intramural and recreational activities, and Burleson Court, an outdoor area that includes space for volleyball and other outdoor activities. The Village boasts spectacular views of the campus and nearby Buffalo Mountain and is located on Leggett Lane, named in honor of past president and first lady Marshall and Jean Leggett.

P.H. Welshimer Memorial Library is a three-story building that was first occupied in November 1961 and is the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. This building also houses the university archives.

The Physical Plant Center was completed in late 2005. It houses maintenance, housekeeping, and grounds and is located near Steve Lacy Fieldhouse.

Quillen Hall, built in 1992, recognizes the late Congressman James H. Quillen. It has six suites consisting of four single rooms, a living room area, and bathroom.

Seeger Memorial Chapel was dedicated on November 4, 1967. The chapel is a multi-purpose structure serving the University in worship, instruction, lectures, concerts, and drama. The main sanctuary-auditorium, which seats 1200, was renovated in summer 2010 and named the Mary B. Martin Auditorium. The George O. Walker Auditorium, located on the lower level, accommodates 250 and is named in honor of George O. Walker, a long-time trustee and friend of the University. The chapel was made possible through major gifts by Mr. Ura Seeger, West Lebanon, Indiana, and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania. The Wilson G. Barker Commons surround Seeger Chapel.

Sesquicentennial Plaza courtyard was built in 2016 in honor of the college's 150th and is a bustling place for study, fellowship, and reflection for the Milligan community. Located in the heart of campus, by the P.H. Welshimer Library's Southeast entrance, the plaza features a beautiful pergola providing shade and ample seating, as well as space conducive to group and personal interaction. Bricks along a walkway through the plaza have been purchased by members of the Milligan community.

The Science Building was first occupied in 1972. The building has five, 24-station laboratories, two classrooms, a 270-seat lecture hall named for Sam Jack Hyder, and several special-purpose rooms. The Charles Gee Gross Anatomy Lab, associated with health science programs, is named in honor of Dr. Gee by alumni and friends of the University. The Sisk General Chemistry Lab is dedicated in memory of Professor Lone L. Sisk, a beloved longtime faculty member.

Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation and named in honor of 1931 alumnus Dr. Steve Lacy, a longtime board member of the University. Lacy contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976, and a new athletic training room was constructed on the lower level in 2009 with funds provided by Citizens Bank of Elizabethton.

The Student Apartments, which house graduate students and married couples in apartment suites, consist of three apartment buildings: Mildred Welshimer Phillips Hall, Helen Welshimer Hall, and James Deforest Murch Hall.

Sutton Memorial Hall has 30 suites for women. The hall contains the Mabel Stephens Annex; the Joe and Lora McCormick Dining Center, which seats about 300; the kitchen; and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Taylor/Phillips House is the former home of Governor Alfred M. Taylor and Wilson G. Barker, founder of the Buffalo Male and Female Institute. Renovated in 2001-02, the home now houses the Milligan University Counseling Center and occasionally is utilized for receptions overseen by the Associated Ladies for Milligan. It is named in memory of Alf Taylor and the sons of B.D. Phillips—Ben, Victor, and Don.

The Thompson Center is located between the Emmanuel Village and the B.D. Phillips Building and houses the McGlothlin-Street Occupational Therapy Center, including faculty offices, laboratories, and classrooms. The building also serves students as a study and fellowship area and has facilities for limited overnight accommodations and small retreats, conferences, or other gatherings. The Thompson Center is named in honor of Emmanuel's second president, Fred Thompson, and his wife Dorothy.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton in memory of Webb O. Sutton, was completed and occupied in January 1960. It provides accommodations for 172 men.

Williams Hall, built in 1992, is named in honor of Milligan alumnus and federal judge, Glen M. Williams. It has six suites consisting of four single rooms, a living room area, and bathroom.

The W. T. Mathes Tennis Center with six lighted courts was dedicated in fall 2005 and named for 1942 alumnus Dr. W. T. Mathes. The club house was completed in summer 2010.

Student Life and Services

See the *Student Handbook* at https://www.milligan.edu/student-handbook/ for more complete information about student services, including residence life; campus ministry; chapel and convocation; the Spiritual Formation Program; student lifestyle, conduct, and disciplinary guidelines; and vehicle regulations.

Campus Activities and Organizations

The University seeks to enhance students' educational experience through challenge and support in mentor relationships, active-learning opportunities, and purposeful programming. A complete list of campus activities and student organizations is available at http://www.milligan.edu/student-life/#student-activities.

All social activities must first be approved by the Student Development Office and then entered on the Master Calendar.

Fine Arts

The fine arts program at Milligan University enriches campus life through the exhibition of painting, sculpture, and photography. Numerous exhibitions of guest artists, as well as student exhibitions displaying recent art and photography work, take place each year in the Milligan University Art Gallery on campus. Milligan University drama, which involves a large portion of the student body, has frequently received critical acclaim. The Festival of One Act Plays, Short Films, and performances in the Gregory Center serve as venues for displays and performances of the fine arts.

Music

There are two choral ensembles at Milligan University. The Concert Choir, a choir of both men and women, performs extensively on campus and throughout the United States, appearing at churches, high schools, and conventions. Milligan Women's Chorale is a women's chorus singing various styles of music, with concerts both on and off campus.

Five instrumental ensembles are available at Milligan. Students have the opportunity to perform in Orchestra, Johnson City Community Concert Band, Johnson City Symphony Orchestra, String Quartet, and Guitar Ensemble. Most instrumental ensembles perform both on and off campus.

A specialized vocal ensemble is also available by audition. Heritage is a small mixed *a capella* group performing a mostly sacred repertoire for churches and services club. Participation in Heritage carries a special scholarship.

More information about the University's music ensembles is available at http://www.milligan.edu/student-life/#student-activities

Publications and Media

Students interested in journalism, creative writing, or media work may find an opportunity for self-expression through several publications and outlets: The *Stampede* is the student-led news service in print, online (https://www.milliganstampede.com/), TV, and video. Students may also get involved with the campus radio station, WUMC 90.5 FM. Students who are interested in graphic design, promotions, or public relations may join a student media agency. Optional academic credit is available for any of these activities.

The literary magazine, *Phoenix*, accepts original work from students and faculty.

All Milligan University printed communication with an external audience (off-campus) must be submitted to the Public Relations Office for approval.

All printed communication (e.g. brochures, flyers) and all uses of the Milligan University logo must follow the guidelines in the Publication Policy, Identity Standards and Style Guide document available from the Public Relations Office. These guidelines also apply for all events held on Milligan's campus, even if not officially sponsored by the University. It is the responsibility of the Milligan University contact to make the parties aware of these policies.

Honor Societies:

Alpha Chi is a collegiate national honor society. The association is open to juniors and seniors in the top 10% of their class with a grade point average of at least 3.5.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Delta Mu Delta (DMD), an international business honor society founded in 1913, has nearly 300 chapters over 210,000 lifetime members. DMD recognizes and encourages academic excellence of students at qualifying colleges and universities to create a DMD community that fosters the well-being of its individual members and the business community through lifetime membership. DMD recognizes the top 20% of students in a business program.

Kappa Delta Pi (KDP), International Honor Society in Education was founded in 1911 and has over 1.2 million members. In April 2018, Milligan installed the Alpha Iota Iota chapter. KDP's goal is to foster excellence and growth in education. The society provides professional development, scholarships, journals, educator discounts, networking opportunities, and continual support to advance educators throughout their teaching careers.

Phi Alpha Theta is an honorary history society with more than 270,000 members in over 850 chapters in colleges and universities across the United States. *Phi Alpha Theta*'s mission is to promote the study of history through the encouragement of research, good teaching, publication, and exchange of learning and ideas among historians. Milligan history students established the *Alpha Iota Tau* chapter of *Phi Alpha Theta* in 2001.

Psi Chi is the national Honor Society in Psychology for the purpose of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology.

Sigma Alpha Pi (National Society of Leadership and Success – NSLS)) NSLS has the vision to be an organization that educates, develops, and supports leaders at Milligan for the purpose of having a positive influence through leadership and service here at Milligan and in the broader community.

Sigma Theta Tau is an international honor society with more than 135,000 members in 540 chapters in colleges and universities around the world. *Sigma Theta Tau's* mission is to develop nurse leaders anywhere to improve healthcare everywhere. The Milligan University Area of Nursing joined the *Epsilon Sigma* chapter of Sigma Theta Tau in 2013.

Theta Phi, the Emmanuel Chapter of the International Society of Theta Phi, an honor society for theological students, scholars in the field of religion, and outstanding religious leaders, was inaugurated in the spring of 1972. Students excelling in scholarship, character, and professional competence are elected as members each year. Non-students may be elected on the basis of distinguished achievement in scholarship or service in the church.

The Center for Calling and Career Exploration (Career Development)

The Center for Calling and Career Exploration seeks to educate and prepare Milligan University students for a diverse global marketplace by providing a comprehensive program of vocational and career exploration to enable students and graduates to seek and secure placement and employment opportunities.

The Center, located on the lower level of the McMahan Student Union Building, provides career-related assistance to students through a wide range of programs and services including:

- Individual career advising including assisting in major/career decisions; providing occupation information and salary statistics; networking; job shadowing; placement in internships; identification of summer or part-time jobs; and application and admission to graduate school.
- Individual career assessments providing students information as they consider potential majors and careers. Students may make an appointment to complete specialized career assessments, including the Myers-Briggs (MBTI) and the Strong's Interest Inventory (SSI).
- Workshops or classes providing instruction on résumé development, writing cover letters, successful interview skills, salary negotiations, and other topics. Individual review of résumés and coaching for interviews are available by appointment.
- Buffs2Work, a web-based information system, serves as a starting point for information related to career development at Milligan. Students may register for this web-based information by clicking on the student link for Buffs2Work at www.milligan.edu/career. Students can search online for internships, view job postings and the schedule of upcoming career development events, and post résumés.

Students can contact the Center at 423-461-8316 for more information or to schedule an appointment.

Athletics

Milligan University encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

The Milligan athletics program has enjoyed a proud heritage and long tradition of success with student-athletes participating in intercollegiate athletics. The Milligan University Buffaloes compete in the Appalachian Athletic Conference (AAC) and the National Association of Intercollegiate Athletics (NAIA) and sponsor teams in baseball, basketball, bowling, cheerleading, dance, cycling, cross country, Esports, flag football, golf, soccer, softball, swimming, tennis, track and field, and volleyball. Milligan athletic programs compete at a high level as evidenced by having won many conference titles and by having appeared in many national championship competitions in the recent past.

The intramural athletic program is designed to encourage participation by all students in some activity. A choice of activities is offered including corn hole tournanments, kick ball, sand volleyball, and disc golf. In addition, there are several individual recreational opportunities offered such as hiking and skiing.

Gilliam Wellness Center

The Gilliam Wellness Center staff provides and promotes wellness activities across the entire campus community. All undergraduate students, faculty, and staff are provided access to the facility. In addition, students in the graduate programs (with the exception of the MBA, MACM, and DMin programs) are provided access to the facility. Members may purchase an annual membership for their spouses.

Services and activities provided through the center include cardiovascular and resistance/strength training for individuals and groups. In addition, leisure recreational trips are organized on a regular basis. Extended hours of operation are provided during fall and spring semesters with more limited hours during the summer and breaks.

Health Services

Health Services of Milligan University seeks to encourage the academic success of our students through disease prevention, health promotion and increased wellness awareness. Milligan takes every reasonable precaution to prevent accidents and illness. The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the campus nurse any accident or illness. When necessary, referral is made to local physicians.

All students are required to maintain health insurance coverage on themselves at their own expense. In most cases this can be done through their family or job. However, the University does provide information on health insurance coverage that can be purchased individually. This information can be obtained through the Student Development office or from the campus nurse.

All students must submit a completed and approved immunization form prior to attending classes. These forms are provided in the pre-enrollment packets and are required by the State of Tennessee.

The University cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. Premium payment is the responsibility of the individual student. All students participating in intercollegiate athletics are required to maintain coverage and provide documentation of such in an accident and hospitalization program that covers athletic injuries.

Counseling Center

Assessment and referral services are available on campus for students who are having difficulties which are emotional in nature. Students who are feeling overwhelmed by issues which prevent them from fully functioning in an academic or social way should seek direction from the Counseling Center. Students may schedule appointments by calling 423.461. 8500 or by emailing counselingcenter@milligan.edu. Counseling Center staff are able to assess, make recommendations, and provide counseling for interpersonal and personal issues; they may also assist students in obtaining off-campus counseling if preferred or needed. Students may also contact local health providers directly. For more information about counseling and mental health services at Milligan, including the University's policies for addressing suicide threats or attempts and other concerning behavior, see https://www.milligan.edu/student-handbook/.

Campus Clinic

The nurse-directed campus clinic is located in the Gilliam Wellness Center with hours of operation Monday through Friday 9:00 am – 2:00 pm. The campus nurse is available for emergencies, minor illnesses and injuries, and health consultations as well as referral to outside physicians and medical facilities if needed. Students are expected to report any illnesses or injuries to the campus nurse at 423.461.8667.

Personal Responsibility

Milligan University will not assume financial responsibility for off-campus medical treatment or care, physician services, or hospitalization. It is highly recommended that all students maintain personal medical insurance in the ev event of an emergency or an unexpected illness.

Athletes

All students participating in intercollegiate athletics are required to maintain personal insurance coverage and to provide proof of coverage to the campus nurse and the athletic trainer prior to participation in any university-related sport activity.

Federal Laws and Acts

Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act of 1974 (FERPA) is a federal law which affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

   A student should submit to the registrar, dean, chair of the academic area, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

   A student who wishes to ask the University to amend a record should write the university official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

   If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
   The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using university employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

   A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

   Family Compliance Office
   U.S. Department of Education
   400 Maryland Avenue, SW
   Washington, D.C. 20202-5901

5. Milligan University accords all these rights under the law to students who are declared independent. The term "student" means any individual who is or has been in attendance at Milligan University (with the exception of those persons enrolled only for Continuing Education Units) and regarding whom Milligan University maintains education records. Attendance begins the first day of any term/session in which the student is enrolled. No one outside the institution shall have access to nor will the institution disclose any information from students' education records without the written consent of students except to personnel within the institution, to officials of other institutions in which students seek to enroll, to persons or organizations providing students financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or others.

   Within the Milligan University community only those members, individually or collectively, acting in the students' educational interest are allowed access to student education records.

   At its discretion, the institution may provide directory information in accordance with the provisions of the Act to include: student name, address, telephone number, email address, date and place of birth, major field of study, dates of attendance, degrees, honors, and awards received, the most recent previous educational agency or institution attended by the student, participation in officially recognized activities and sports, grade level, enrollment status, and weight and height of members of athletic teams. Students may withhold directory information by notifying the Registrar's Office in writing within two weeks after the first day of class for the fall and spring terms. The institution honors requests for non-disclosure for only one semester; therefore, authorization to withhold directory information must be filed each semester in the Office of the Registrar.

Student Right to Know and Campus Security Act

In accordance with The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act and the Tennessee College and University Security Information Act of 1989, Milligan University publishes each year an Annual Security Report which includes information about the University's security policies and procedures and provides guidelines for members of the campus community to follow when faced with security-related issues. This report also includes crime statistics for each of the last three years for reported crimes that occurred on campus, in off-campus buildings, or property owned or controlled by Milligan University, and on public property within, or immediately adjacent to and accessible from university property. The Annual Security Report is available from the campus security office (461-8740) or at http://www.milligan.edu/student-life/#safety-security.

Information relative to the Student Right to Know and Campus Security Act (Public Law 101-542) is available in the Office of Director of Student Success 423-794-3088 . This information includes graduation rates by athletic participation, gender, and ethnicity.

Community

The visitor to the Milligan University campus invariably notices the friendliness and spirit which characterize the entire Milligan circle, faculty and students alike. Each student has an advisor. This experienced faculty member is concerned that the student not only excels academically but also

benefits from the opportunities afforded by a small university environment.

Provision for a well-rounded social life receives special attention. Student committees plan recreational and social activities. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern. Individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan University rather than "attending" Milligan.

Academic Programs

Milligan University offers students a Christian liberal arts education in a community of inquiry, responsibility, and caring.

The term "liberal arts" often is used to refer to a body of knowledge concentrated in the humanities, but also extending into other fields of learning such as the natural sciences, social sciences, and the arts. This subject matter is meant to educate a student broadly about the historical, philosophical, and literary basis of modern society. At Milligan, these subjects are always taught from a perspective of God's activity with humanity; thus, biblical studies are also a critical element. The University's strong core curriculum, with an interdisciplinary humanities program and Bible, certainly teaches the "liberal arts."

But liberal arts is also a way of describing an education that seeks to prepare students to think, to inquire about the nature and meaning of the world, and to analyze information and ideas. A liberal arts education orients students toward the world in an open and constructive way, to lead and to serve. Learning from a liberal arts perspective prepares one for an ever-changing world. This approach to the liberal arts is our goal at Milligan University.

In Milligan University's educational model, the student is expected to acquire a general education by following a rationally determined pattern of course requirements comprised of required and optional courses in the various major disciplines. Every baccalaureate degree-seeking student must fulfill the requirements of a faculty-approved major. The declaration of the major is made no earlier than the second semester of the freshman year.

Milligan University grants four baccalaureate degrees, ten master's degrees, one specialist degree, and two doctoral degrees: Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Science in Nursing (B.S.N.), Bachelor of Social Work (B.S.W.), Master of Arts in Christian Ministries (M.A.C.M.), Master of Arts in Coaching and Sport Management (M.A.C.S.M.), Master of Arts in Humanities (M.A.H.), Master of Arts in Religion (M.A.R.), Master of Business Administration (M.B.A.), Master of Divinity (M.Div.), Master of Education (M.Ed.), Master of Science in Counseling (M.S.C.), Master of Science in Occupational Therapy (M.S.O.T.), Master of Science in Physician Assistant Studies (M.S.P.A.S.), Education Specialist (Ed.S.), Doctor of Education (Ed.D.), and Doctor of Ministry (D.Min.).

Baccalaureate Degrees

A minimum of 128 semester hours is required for graduation with any baccalaureate degree. Students must be enrolled at Milligan University during the final two semesters immediately preceding graduation to receive a Milligan degree. The Associate Dean for Academic Administration and Registrar may approve an exception in extraordinary cases. Students transferring from another college or university must successfully complete not fewer than 45 of the 128 required semester hours through instruction at Milligan University. A minimum of one-third of the hours within a major must be earned at Milligan. If a student wishes to complete a minor at Milligan, a minimum of one-third of the hours within that minor must also be earned at Milligan.

Students may earn a second undergraduate degree distinct from the first in major and subsequent to the completion of the first degree by completing at least 30 semester hours in another major.

Students may earn two different undergraduate degrees simultaneously by completing all requirements for both degrees, including a minimum of 158 hours.

Bachelor of Arts (B.A.)

The Bachelor of Arts degree is conferred in all fields in which the University offers a major, with the exception of Allied Health Science, Electrical Engineering, Mechanical Engineering, Nursing, and Social Work. Foreign language proficiency is required through the intermediate level. The B.A. degree is required for students majoring in Art, Biblcal and Theological Studies, Children's Ministry, Church Leadership, English, History, Humanities, Intercultural Studies, International Studies, Music Performance, Music Education, Musical Theatre, Spanish, Student Ministry, Theatre Arts, and Worship Leadership. The specific degree requirements are found in the description of each major or program.

Bachelor of Science (B.S.)

The Bachelor of Science degree is conferred in the fields of Accounting, Allied Health Science, Biology, Business Administration, Chemistry, Child and Youth Development, Computer Science, Economics, Electrical Engineering, Exercise Science, Film, Graphic Design, Information Systems, Interactive Media Design, Interdisciplinary Studies, Mathematics, Mechanical Engineering, Multimedia Journalism, Political Science, Psychology, and Public Relations.

Bachelor of Science in Nursing (B.S.N.)

The Bachelor of Science in Nursing degree program prepares students for professional nursing career opportunities and for graduate study. Upon satisfactory completion of the nursing program requirements, graduates of the program become eligible to sit for the NCLEX-RN licensure examination.

Bachelor of Social Work (B.S.W.)

The Bachelor of Social Work degree program prepares students for professional social work career opportunities and for graduate study. The curriculum is designed for the student who desires to pursue a ministry of service to the human community in work with social agencies and/or other fields of social work, or who desires to pursue graduate education in the field.

Accelerated Bachelor's/Master's (ABM)

These plans provide a streamlined path to a master's degree immediately from the undergraduate program, reducing the time to get a master's degree, often from two years to one year. ABM programs are available for the BS/MBA, BA/MDiv, BS/MEd, and BA/MAH.

These programs are for Milligan undergraduates who make their intentions known to both their undergraduate advisor and the appropriate graduate program director, usually by the junior year. Faculty approvals are required, and students must follow the prescribed process detailed for the individual program.

Early Acceptance Programs (EAP)

Students pursuing the EAP can apply early to a Milligan graduate program, secure a spot in the upcoming class, and lock in the tuition rate for that year. These programs are for Milligan undergraduates who make their intentions known to both their undergraduate advisor and the appropriate graduate program director, usually by their junior year.

Early Acceptance Programs are available for the Master of Science in Counseling and Master of Science in Occupational Therapy programs.

Faculty approvals are required, and students must follow the prescribed process detailed for the individual program.

Graduate Degrees

Master of Arts in Christian Ministries (MACM)

The Master of Arts in Christian Ministries degree is a 48-credit hour degree that seeks to further equip students for ministries in pastoral leadership in local churches and ministry settings. The degree program blends online and on-campus learning for students who are not able to participate in the residential MDiv program. Courses will offer instruction in Scripture, theology, and history of the Christian tradition with special attention to the Stone-Campbell tradition. The program will offer opportunities for spiritual formation and growth, mentored ministry experience, and connections with other students through a cohort design. Students will also have opportunities to develop specific skills in ministry with attention to their ministry contexts.

Master of Arts in Coaching and Sport Management (MACSM)

The Master of Arts in Coaching and Sport Management degree is a 36-credit-hour degree designed to prepare students for a variety of leadership positions in sports primarily at the collegiate level. The degree is offered mostly on-campus with a few online options. The program consists of seven core courses including general concepts of sociology, law, psychology, and research in the area of sport management and coaching. A number of focused electives make up the remaining course requirements including the option to engage in internships related to coaching or management. Students may also take advantage of specified courses within the Milligan MBA program to meet elective requirements within the MACSM program. Students from any undergraduate discipline will find this program to be accessible and responsive to their individual needs for professional development in the area of collegiate coaching and sport management.

Master of Arts in Humanities (MAH)

The Master of Arts in Humanities degree is a 30-credit-hour degree designed to facilitate interdisciplinary study. The degree prepares students for intense critical thinking required in further graduate study or in application to a particular career field. In addition to requiring 9 hours of foundational interdisciplinary courses, the MAH includes three overarching themes to frame the broad study of the Humanities: Cultural Studies, Global Studies, and Art, Faith, and Community Studies. Students work with faculty advisors to tailor a course of study best suited to their needs or field while also providing structure and context to their inquiry. In addition, the MAH program's final capstone requirement offers students the opportunity to make practical applications of program study.

Master of Arts in Religion (MAR)

The Master of Arts in Religion is a 58-credit hour degree designed to provide a basic understanding of the theological disciplines for further graduate study or for general educational purposes. The MAR permits a student to study in some depth in one of the following five areas: Christian Theology, Church History, Historical Theology, New Testament, or Old Testament. This program is best suited for those who plan to pursue further study in another professional field, but desire a theological background before entering the graduate or professional program. At the same time, the polity of Christian Churches and Churches of Christ makes it likely that some graduates with this degree may find themselves called upon at some future time to exercise preaching, teaching, or other ministerial skills. For that reason, six credit hours from the Christian ministries area are required for MAR students.

Master of Business Administration (MBA)

The Master of Business Administration degree program prepares students for roles of leadership in business. Students' knowledge of the major functional areas within business is reinforced while a commitment to Christian values and ethical conduct prepares students to meet the challenges of a highly competitive business environment with integrity and character.

The program consists of 32 credit hours that are delivered in either the Executive or Accelerated Traditional format. The Executive MBA is approximately 14 months, divided into four semesters. Classes meet one weekend each month and are supported by extensive internet-based contact among the students and with faculty between the monthly class sessions. The program is cohort-based, incorporating periods of intensive class-time together with independent, distance-based work, and is well suited for mature, working students with meaningful business experience.

The Accelerated Traditional MBA program is a cohort-based, 32-credit hour degree delivered over approximately 12 months, divided into three semesters. The program begins in May with a summer semester of courses delivered in a combination of online and evening formats. The fall and spring semesters deliver courses scheduled during weekday mornings. This program is well suited for recent undergraduates, student athletes and those who have not yet acquired meaningful business experience.

Master of Divinity (MDiv)

The Master of Divinity degree is considered the standard program of ministerial education and is formally required for ordination by many churches. This degree aims to provide a breadth of education in all areas of theological learning, with special focus on the practice of pastoral ministry. This master's program consists of 90 semester hours of graduate course work. The course work includes a sizable academic core curriculum that provides a careful grounding in biblical studies, biblical languages, theology, church history, and ministry. MDiv students will also select a special concentration from several specialized areas of study, including Christian ministries, Christian theology, church history, historical theology, New Testament, Old Testament, Christian care and counseling, Christian spiritual formation, and world mission.

Master of Education (MEd)

The Master of Education program includes both initial licensure and advanced degree options. These programs are designed for prospective teachers (initial licensure) and licensed teachers (advanced degree) and are available in several licensure fields including elementary education (kindergarten-grade 5), secondary (grades 6-12), and several K-12 specialty areas. Initial licensure candidates in any of the above licensure fields may finish the program in two summers and one academic year (*i.e.* 15 months). The MEd in curriculum and teaching consists of core courses plus electives available in fall, spring, May, and summer terms. Students in either of the programs may choose to extend course work beyond the typical program completion period.

The initial licensure program is designed for students who have a non-education baccalaureate degree with a strong general education component and one or more specialty or endorsement areas (or majors). This program consists of 45 to 47 semester hours. The degree in curriculum and teaching is designed for individuals interested in earning the M.Ed. without licensure and is open to students who are already licensed teachers as well as those who are interested in the field of education but who do not plan to seek licensure. This program is closely tied to the National Board for Professional Teaching Standards certification process and consists of 36 semester hours (a 24 credit core and 12 elective credits). Courses are offered online.

Master of Science in Counseling (MSC)

The Master of Science in Counseling program prepares students to pursue licensure as Licensed Professional Counselors or as Licensed School Counselors. The program's four concentrations (Addiction Counseling, Clinical Mental Health Counseling, School Counseling with Licensure, and School Counseling without Licensure) are designed for students who have an earned bachelor's degree, who have completed designated prerequisite undergraduate courses, who have strong verbal and quantitative reasoning skills, and who seek—through an active engagement of Christian faith and learning—to help either 1) elementary and secondary school students who face a variety of challenging situations, or 2) individuals of all ages in their communities achieve mental, emotional, social, and career development and adjustment.

This two-year curriculum consists of either 1) 51 or 57 credit hours of required coursework for either of the concentrations in which candidates pursue credentials as Licensed School Counselors, or 2) a 60-credit hour curriculum of required coursework for the concentrations in which candidates fulfill the educational requirements to become Licensed Professional Counselors. Because Milligan is a Christian university, part of the required coursework includes an ongoing discussion and examination of the theoretical and practical aspects of the integration of faith and learning within the field of counseling. Students in the counseling program should demonstrate a sense of ministry through their knowledge of counseling and their willingness to use their knowledge in service and ministry to others.

Master of Science in Occupational Therapy degree (MSOT)

The Master of Science in Occupational Therapy degree program consists of 79 credit hours of graduate course work. It is designed for students who have an earned bachelor's degree and who have completed the prerequisite requirements for admission to the program. Baccalaureate degrees can be in a variety of academic areas, some of which include exercise science, human development, sociology, biology, and psychology.

In addition, the MSOT program offers an Early Acceptance Plan (EAP) that provides Milligan University undergraduate students with a unique financial opportunity. Juniors and seniors may apply early to the program and, if accepted, will receive tuition incentives if they declare their intent to enroll in the Milligan University MSOT program. This declaration must be made prior to a designated date.

The Master of Science in Occupational Therapy degree program promotes integration and utilization of theory and practice in the art and science of occupational therapy and prepares students to meet the entry-level standards of the Accreditation Council of Occupational Therapy Education (ACOTE).

Master of Science in Physician Assistant Studies (MSPAS)

The Master of Science in Physician Assistant Studies (MSPAS) at Milligan is a 28-month, 108-credit hour program that prepares highly trained healthcare professionals with a foundation in primary care to work with physicians and other members of the healthcare team in a variety of medical specialties. Applicants must have an earned bachelor's degree and must have completed the prerequisite requirements for admission to the program.

The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Milligan University Physician Assistant Program sponsored by Milligan University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA *Standards*. Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the *Standards*. The approximate date for the next validation review of the program by the ARC-PA will be **June 2032**. The review date is contingent upon continued compliance with the Accreditation *Standards* and ARC-PA policy. The program's accreditation history can be viewed on the ARC-PA website at http://www.arc-pa.org/accreditation-history-milligan-university/.

Education Specialist (EdS)

The Education Specialist (Ed.S.) program leads to certification as a school administrator as part of a 36-hour program. In addition to successful completion of coursework, students must pass Tennessee licensure exams in order to obtain the leadership endorsement. The program leads currently practicing teachers toward certification. The Ed.S. program is full-time practice-based program built on a cohort learning model of approximately 10-20 students who progress through the program together.

Doctor of Education (EdD)

The Doctor of Education (EdD) program leads to certification as a school administrator as part of a 57 hour, two-year program. In addition to successful completion of coursework, students must pass Tennessee licensure exams in order to obtain the leadership endorsement. The Doctor of Education in Educational Leadership leverages the strengths of Milligan's teacher education and business faculty, curriculum, and school partnerships to prepare school and district-level leaders. The program leads currently practicing teachers toward certification. The EdD program is a full-time practice-based program built on a cohort learning model of approximately 10-20 students who progress through the program together.

Doctor of Ministry (DMin)

The Doctor of Ministry degree consists of 36 hours of graduate level course work. Admission into the DMin Program presupposes the Master of Divinity degree and, hence, is designed for those seeking to enhance their ministry and their knowledge and competencies requisite for this degree and its goals. The Emmanuel degree is specifically designed to strengthen the students' general practice of ministry. The purpose of the Emmanuel DMin degree is to increase the student competence to an advanced level in all phases of ministry.

Program	Concentrations	Major	Minor	DEGREES	School	Area
Accounting		X	X	BA, BS	B&T	Business
Allied Health Science	pre-pharmacy, pre-optometry	X		BS	S&AH	Scientific
American Studies	*concentration in Humanities major*				A&H	Humane
Art		x	X	BA	A&H	PVC
Bible			X		B&M	Biblical
Biblical and Theological Studies		X		BA	B&M	Biblical
Biblical Languages			X		B&M	Biblical
Biochemistry	*concentration in Chemistry major*				S&AH	Scientific
Biology		X	X	BA, BS	S&AH	Scientific
Business Administration	accounting, economics, finance, general, health sector management, international business, legal studies, management, marketing, secondary education licensure, sport management	X	X	BA, BS, MBA	B&T	Business
Chemistry	biochemistry, general	X	X	BA, BS	S&AH	Scientific
Child and Youth Development	Elementary Education (K-5/ESL licensure)	X		BA, BS	SS&E	Education
Children's Ministry		X	X	BA	B&M	Biblical
Christian Ministries				MACM, Certificate	B&M	ECS
Church Leadership		X	X	BA	B&M	Biblical
Coaching			X		S&AH	XS
Coaching for Performance	*concentration in Exercise Science major*				S&AH	XS
Computer Science		X	X	BA, BS	B&T	CS
Counseling				MSC	SS&E	Social
Counseling Ministry				Certificate	SS&E	Social
Criminology/Criminal Justice		X	X		SS&E	Social
Cybersecurity		X	X	BA or BS	B&T	CS
Data Analytics			X		B&T	CS
Digital Illustration			X		A&H	PVC
Divinity				M Div	B&M	ECS
Economics		X	X	BA, BS	B&T	Business
Education	Teacher licensure available in several majors/content areas. See Catalog.			MEd, EdS, EdD	SS&E	Education
Electrical Engineering		X		BS	B&T	Engineering
English		X	X	BA	A&H	Humane
Ethnic Studies			X		SS&E	Social
Exercise Science	coaching for performance, fitness & wellness, pre-professional, sport management	X	X	BA, BS	S&AH	XS
Faith & Arts	*concentration in Humanities major*				A&H	Humane
Film		x		BA, BS	A&H	PVC
Filmmaking			x		A&H	PVC
Film Studies			x		A&H	PVC
Finance	*concentration in Business Administration major*				B&T	Business
Fitness and Wellness	*concentration in Exercise Science major*		X		S&AH	XS
Graphic Design		X	X	BA, BS	A&H	PVC
Greek			X		B&M	Biblical

Health Sector Management	*concentration in Business Administration major*		X		B&T	Business
History		X	X	BA	A&H	Humane
Human Anatomy and Physiology			X		S&AH	Scientific
Humanities	American studies, pre-modern world, faith & arts, religious studies	X	X	BA, MAH	A&H	Humane
Information Systems		X	X	BA, BS	B&T	CS
Interactive Media Design		X		BA, BS	A&H	PVC
Intercultural Studies		X	X	BA	B&M	Biblical
Interdisciplinary Studies		X		BA, BS	ANY	ANY
International Business	*concentration in Business Administration major*				B&T	Business
International Politics	*concentration in Political Science major*				SS&E	Social
International Studies		X	X	BA	SS&E	Social
Instrumental Music Education	*concentration in Music Education major*				A&H	PVC
Leadership				Certificate	SS&E	Social
Legal Studies	*concentration in Business Administration major*		X		B&T	Business
Management	*concentration in Business Administration major*				B&T	Business
Marketing	*concentration in Business Administration major*				B&T	Business
Mathematics		X	X	BA, BS	S&AH	Scientific
Mechanical Engineering		X		BS	B&T	Engineering
Ministry				D Min	B&M	ECS
Motion Graphics			X		A&H	PVC
Multimedia Journalism		x		BA, BS	A&H	PVC
Music			X		A&H	PVC
Music Performance		X		BA	A&H	PVC
Music Education	instrumental, vocal	X		BA	A&H	PVC
Musical Theatre		X	X	BA	A&H	PVC
Nursing		X		BSN	S&AH	Nursing
Occupational Therapy				MSOT	S&AH	OT
Philosophy			X		A&H	Humane
Photography			X		A&H	PVC
Physical Science			X		S&AH	Scientific
Physician Assistant Studies				MSPAS	S&AH	PA
Physics			X		S&AH	Scientific
Political Science	general, international	X	X	BA, BS	SS&E	Social
Pre-Law		See Catalog				
Pre-Med / Pre-Professional		See Catalog				
Pre-Modern World	*concentration in Humanities major*				A&H	Humane
Professional Writing			x		A&H	PVC
Psychology	general, pre-professional	X	X	BA, BS	SS&E	Social
Public Relations		x	X	BA, BS	A&H	PVC
Religion				MAR	B&M	ECS
Religious Studies	*concentration in Humanities major*				A&H	Humane

Social Innovation and Design			X		SS&E	Social
Social Work		X	X	BSW	SS&E	Social
Sociology			X		SS&E	Social
Spanish		X	X	BA	A&H	Humane
Sport Management	*concentration in Business Administration and Exercise Science majors*				B&T / S&AH	Business / XS
Student Ministry		X	X	BA	B&M	Biblical
Theatre Arts		X	X	BA	A&H	PVC
Vocal Music Education	*concentration in Music Education major*				A&H	PVC
Web Development			X		B&T	CS
Women's/Gender Studies			X		SS&E	Social
Worship Leadership		X	X	BA	B&M	Biblical

KEY			
SCHOOLS		**AREAS**	
A&H	School of Arts & Humanities	Humane	Area of Humane Learning
		PVC	Area of Performing, Visual, and Communicative Arts
B&M	School of Bible & Ministry	Biblical	Area of Biblical Learning
		ECS	Emmanuel Christian Seminary at Milligan
B&T	Greene School of Business & Technology	Business	Area of Business
		CS	Area of Computer Science
		Engineering	Area of Engineering
S&AH	School of Sciences & Allied Health	XS	Area of Exercise Science
		Nursing	Area of Nursing
		OT	Area of Occupational Therapy
		PA	Area of Physician Assistant Studies
SS&E	School of Social Sciences & Education	Education	Area of Education
		Social	Area of Social Learning

MILLIGAN
UNIVERSITY
SCHOOL OF ARTS & HUMANITIES
AREA OF HUMANE LEARNING
• English
• History
• Humanities
• Spanish
• Master of Arts in Humanities
AREA OF PERFORMING, VISUAL & COMMUNICATIVE ARTS
• Art
• Film
• Graphic Design
• Interactive Media Design
• Multimedia Journalism
• Music Performance
• Music Education
• Musical Theatre
• Public Relations
• Theatre Arts
SCHOOL OF BIBLE & MINISTRY
AREA OF BIBLICAL LEARNING
• Biblical & Theological Studies
• Children's Ministry
• Church Leadership
• Intercultural Studies
• Student Ministry
• Worship Leadership
EMMANUEL CHRISTIAN SEMINARY AT MILLIGAN
• Master of Divinity
• Master of Arts in Religion
• Master of Arts in Christian Ministries
• Doctor of Ministry
WILLIAM B. GREENE, JR. SCHOOL OF BUSINESS & TECHNOLOGY
AREA OF BUSINESS
• Accounting
• Business Administration
• Economics
• Master of Business Administration
AREA OF COMPUTER SCIENCE
• Computer Science
• Cybersecurity
• Information Systems
AREA OF ENGINEERING
• Electrical Engineering
• Mechanical Engineering
SCHOOL OF SCIENCES & ALLIED HEALTH
AREA OF EXERCISE SCIENCE
• Exercise Science
• Master of Arts in Coaching and Sport Management
AREA OF NURSING
• Nursing
AREA OF OCCUPATIONAL THERAPY
• Master of Science in Occupational Therapy
AREA OF SCIENTIFIC LEARNING
• Allied Health Science
• Biology
• Chemistry
• Mathematics
AREA OF PHYSICIAN ASSISTANT STUDIES
• Master of Science in Physician Assistant Studies
SCHOOL OF SOCIAL SCIENCES & EDUCATION
AREA OF EDUCATION
• Child and Youth Development
• Teacher Licensure
• Master of Education
• Education Specialist
• Doctor of Education
AREA OF SOCIAL LEARNING
• Criminology/Criminal Justice
• International Studies
• Political Science
• Psychology
• Social Work
• Master of Science in Counseling
• Interdisciplinary Studies (available in any School)
UPDATED MAY 2022
SEE MILLIGAN.EDU/ACADEMICS FOR MORE INFO

Majors, minors, and graduate programs by school and area

The School of Arts and Humanities

(Craig S. Farmer, Associate Dean)

The Area of Humane Learning

(Todd C. Edmondson, Area Chair)

Majors

English
History
Humanities
with concentrations in American Studies, Pre-Modern World, Faith & Arts, and Religious Studies
Spanish

Minors

English
History
Humanities
Philosophy
Spanish

Master's

Master of Arts in Humanities

The Area of Performing, Visual, and Communicative Arts

(Simon J. Dahlman, Area Chair)

Majors

Art
Film
Graphic Design
Interactive Media Design
Multimedia Journalism
Music Education
with concentrations in Vocal and Instrumental
Music Performance
Musical Theatre
Public Relations
Theatre Arts

Minors

Art
Digital Illustration
Filmmaking
Film Studies
Graphic Design
Motion Graphics
Music
Musical Theatre
Photography
Professional Writing
Public Relations
Theatre Arts

The School of Bible and Ministry

(Philip D. Kenneson, Associate Dean)

The Area of Biblical Learning

(Philip D. Kenneson, Area Chair)

Majors

Biblical and Theological Studies
Children's Ministry
Church Leadership
Intercultural Studies
Student Ministry
Worship Leadership

Minors

Bible
Biblical Languages
Children's Ministry
Church Leadership
Greek
Intercultural Studies
Student Ministries
Worship Leadership

Emmanuel Christian Seminary at Milligan

(Rollin A. Ramsaran, Academic Dean of the Seminary)

Master's

Master of Divinity
with concentrations in Christian Ministries, Christian Theology, Church History, Historical Theology, New Testament, Old Testament, Christian Care and Counseling, Christian Spiritual Formation, and World Mission

Master of Arts in Religion
with concentrations in Christian Theology, Church History, Historical Theology, New Testament, and Old Testament

Master of Arts in Christian Ministries

Doctoral

Doctor of Ministry

The William B. Greene, Jr. School of Business and Technology

(Carolyn W. Carter, Associate Dean)

The Area of Business

(Kristal L. Dove, Area Chair)

Majors

Accounting
Business Administration
with concentrations in Accounting, Economics, Finance, General, Health Sector Management, International Business, Legal Studies, Management, Marketing, Secondary Education Licensure, and Sport Management
Business Administration: Adult Degree Completion with concentration in Management
Economics

Minors

Accounting
Business Administration
Data Analytics
Economics
Health Sector Management
Legal Studies

Master's

Master of Business Administration

The Area of Computer Science

(Carolyn W. Carter, Area Chair)

Majors

Computer Science
Cybersecurity
Information Systems

Minors

Computer Science
Cybersecurity
Information Systems
Web Development

The Area of Engineering

(Greg S. Harrell, Area Chair and Director)

Majors

Electrical Engineering
Mechanical Engineering

The School of Sciences and Allied Health

(Melinda K. Collins, Associate Dean)

The Area of Exercise Science

(Trini G. Rangel, Area Chair)

Majors

Exercise Science
with concentrations in Coaching for Performance, Fitness and Wellness, Pre-Professional, and Sport Management

Minors

Coaching
Exercise Science
Fitness and Wellness

Master's

Master of Arts in Coaching and Sport Management

The Area of Nursing

(Melinda K. Collins, Area Chair and Director)

Major

Nursing
Nursing (RN to BSN): Adult Degree Completion

The Area of Occupational Therapy

(Ashleigh D. Lingerfelt, Area Chair and Director)

Master's

Master of Science in Occupational Therapy

The Area of Physician Assistant Studies

(Andrew W. Hull, Area Chair and Director)

Master's

Master of Science in Physician Assistant Studies

The Area of Scientific Learning

(Brian M. Eisenback, Area Chair)

Majors

Allied Health Science
Biology
Chemistry
with concentrations in General Chemistry and Biochemistry
Mathematics

Minors

Biology
Chemistry
Human Anatomy and Physiology
Mathematics
Physical Science
Physics

The School of Social Sciences and Education

(Angela N. Hilton-Prillhart, Associate Dean)

The Area of Education

(Angela N. Hilton-Prillhart, Area Chair)

Majors

Child and Youth Development
Child and Youth Development: Adult Degree Completion

Master's

Master of Education

Education Specialist

Doctoral

Doctor of Education

The Area of Social Learning

(Rebecca L. Sapp, Area Chair)

Majors

Criminology/Criminal Justice
International Studies
Political Science
with concentrations in International Politics and General
Psychology
with concentrations in General and Pre-professional
Social Work

Minors

Criminology/Criminal Justice
Ethnic Studies
International Studies
Political Science
Psychology
Social Innovation and Design
Social Work
Sociology
Women's and Gender Studies

Master's

Master of Science in Counseling
with concentrations in Addiction Counseling, Clinical Mental Health Counseling, School Counseling with Licensure, and School Counseling without Licensure

Interdisciplinary Studies major

Available in various areas of learning – please see page 115 and contact the Dean's Office for more information

Academic Policies

General Policies

1. The candidate for the bachelor's degree must have completed the general education requirements, a major, and electives to total a minimum of 128 college-level hours of credit.
2. Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into the University, provided these requirements are met within six years; otherwise they are required to meet current degree requirements. The six-year limitation is extended for the length of time in military service for students who enter service after enrolling at Milligan.
3. On alternating years, freshmen and juniors are required to take the ETS Proficiency Profile. Graduating seniors are required to take an examination or to complete a capstone experience or other evaluative experience specific to the major to demonstrate knowledge in their major field of study.
4. Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate College Success course(s) as a graduation requirement. Hours earned below the 100 level will not count toward the 128-hour graduation requirement.
5. Some courses listed in the Catalog are not offered every year. Students should consult with their advisors to plan their curriculum.
6. Students should be encouraged by their advisors to take BIBL 123 and 124, Old and New Testament Survey, as early as possible, especially because Bible survey is a prerequisite for many upper division Bible courses and BIBL 471 Christ and Culture.
7. Once a student enrolls in the traditional undergraduate program at Milligan, still needing Bible survey courses and/or BIBL 471, Christ and Culture, as part of the core, these courses must be taken at Milligan.
8. Once a student enrolls in the traditional undergraduate program at Milligan, still needing humanities courses as part of the core, these courses must be taken at Milligan. Most freshmen will take Humanities 101 and 102, and most sophomores will take Humanities 201 and 202. Should a student postpone enrollment in these courses or withdraw from any of these courses, the student should satisfactorily complete all humanities coursework by the end of the junior year.
9. Once a student enrolls in the traditional undergraduate program at Milligan, still needing composition credit, COMP 111 and 211 must be taken at Milligan. Freshmen should enroll in COMP 111 in the spring semester, and sophomores should enroll in COMP 211 in the fall semester.
10. Milligan 100 is required of all freshmen during the first semester of attendance, and Milligan 200 is required of all sophomores during either the fall semester or the spring semester of the sophomore year.
11. The Exercise Science general education requirement should be satisfied in the freshman year.
12. All classes must meet during final exam week for an exam or another significant educational activity. (Any proposed alternative means/meetings for assessment, such as online exams, should be approved first by the appropriate area chair and then by the Dean.) The general policy is that students may not reschedule final exams; however, if a student has three (3) exams scheduled on the same day, then he or she may request permission to reschedule one at a later date. Any approval for exam rescheduling will be by the agreement of the instructor and the Dean. The student should submit a written request for rescheduling an exam to the Dean with faculty endorsement attending the request. The student will submit this request no later than two weeks prior to the last day of classes. The Dean's office will verify the student's exam schedule and will respond in writing to the student and the endorsing faculty member within three days of the request.
13. Only the instructor may waive prerequisites for courses. See the catalog course description to determine if a course has prerequisites.
14. Students may apply three courses earned in a major toward a minor or additional major.

Advisors and Mentors

All first-time students entering Milligan University are assigned a faculty mentor who will function as the academic advisor for that year. All other students will be assigned an advisor, usually from within the discipline in which the student is majoring. Milligan requires regular meetings between students and their academic mentors or advisors—three meetings per semester for freshmen and once per semester for all other students. At one of those meetings, the advisor approves a student's schedule of classes for the following semester. Failure to meet with academic advisors will result in an inability to pre-register for classes.

Students are especially encouraged to consult with advisors on a regular basis. While a student's satisfactory progress toward graduation is the responsibility of the student, regular contact with one's advisor can help ensure timely progress toward graduation.

Attendance

Milligan University takes class attendance seriously and expects all students to attend all class sessions except in rarest of circumstances. Acceptable circumstances for missing class may include family bereavement, personal illness, required travel associated with officially-sanctioned Milligan events, or military service obligations. Faculty members have the freedom to set their own class attendance policies consistent with the overall goals of fostering student well-being and effective student learning. Attendance policies are stated clearly in course syllabi. Students anticipating absence from class for any reason should consult with the instructor well ahead of time to develop a plan for dealing with the absence.

Calendar

The Milligan University calendar of classes is organized on a semester basis. For traditional undergraduate students, the maximum instructional load in a semester is eighteen hours. Additional hours require permission from the Registrar. The University also offers a summer session consisting of two 4-week terms or one 8-week term. In addition to these regularly scheduled terms, students may earn one, two, or three semester hours of credit during January Term and/or May Term. January Term is a one-week session just before the beginning of the spring semester; May Term is a three-week session between the spring semester and the summer session. January and May Term courses shall count as residence credit.

Students who enroll in January term classes should anticipate that courses which offer more than one credit will normally require significant pre-course preparation and post-course assignments and should plan their academic loads accordingly. Students may not enroll for more than three semester hours of credit in the January/May terms; students who desire to enroll for additional credits may send to the Academic Dean a written appeal stating their reasons for requesting additional hours.

Campus Communication

For official communication, including any communication from Milligan offices or Milligan faculty to students, the email address issued by Milligan University will be the only email address used. Notices sent by official Milligan email will be considered adequate and appropriate communication. It is incumbent on students to check their official Milligan email regularly.

Classification

Progress toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours.

Combined Sections

Milligan University recognizes the interdisciplinary nature of some of the courses offered across Schools and Academic Areas. The cross-disciplinary nature of courses is recognized during the scheduling of courses, as seen through the use of combined sections for cross-listed and cross-level courses. Combined sections are proposed by an Academic Area and are authorized following review by the Academic Committee. The following definitions apply:

Combined sections: Courses that meet at the same time and place and are linked together for scheduling purposes. Combined sections include cross-listed courses and cross-level courses.

Cross-listed courses: Courses within the same level (undergraduate or graduate), meeting as a combined section, with the same instructor. The subject matter of the courses is interdisciplinary between two or more fields. Courses have the same title, description, credit hours, grading, and syllabus.

Cross-level courses: Undergraduate and graduate level courses (or graduate and doctoral level courses) taught within the same department, having substantially similar subject matter, meeting as a combined section, with the same instructor. Courses have the same/similar title, description, credit hours, grading, and other governing classroom rules. The courses in the combined section differ in syllabi; requiring a separate syllabus for each level of course covered in the combined section (undergraduate, master's, doctoral).

Course Repeat Policy

A student may repeat any course taken at Milligan University by registering for the course. Only the most recent grade is included in the grade point average. The original grade is not removed from the academic record, but the grades for each subsequent completion of the course are noted in brackets on the academic record. Students will not receive additional credit hours for repeated courses in which they originally earned a passing grade. Students may not replace a grade previously earned in a course with CLEP credit, e.g. if students fail a course or do not earn an acceptable grade, they cannot take the CLEP exam and receive credit for that course. The only way to improve a grade or receive credit for a failed course is to retake the course. For additional information about the course repeat policy, contact the Registrar's Office.

Enrollment Status

Undergraduate enrollment status is defined as follows:

Full-time: 12 or more hours per semester
Three-quarter time: 9-11 hours per semester
Half-time: 6-8 hours per semester
Less than half-time: Fewer than 6 hours per semester

Graduate enrollment status is defined as follows:

Full-time: 9 or more hours per semester
Three-quarter time: 7-8 hours per semester
Half-time: 4.5-6.5 hours per semester
Less than half-time: Fewer than than 4.5 hours per semester

Grade Reports

The registrar makes available mid-semester and final grades for undergraduate students and final grades for graduate students by way of Self-Service, a web interface with the student records database. The University issues IDs and passwords to enrolled students, allowing them access to Self-Service. Upon written request by the student, the registrar releases grades to the parent(s) of students.

Grading System (Undergraduate)

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of a minimum of 128 college-level semester hours with a total of no fewer than 256 quality points and a cumulative grade point average of 2.0. The grade point average (GPA) is determined by dividing the total number of quality points by the GPA hours. The following table of values is observed in all courses.

Grade	Quality Points	Significance
A	4.0	Outstanding
A-	3.7	
B+	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	
C	2.0	Adequate
C-	1.7	
D+	1.3	
D	1.0	Needs significant improvement
D-	0.7	
F	0.0	Not acceptable
Suggested guidelines for determining the assignment of these grades are as follows:		
S	0.0	Satisfactory; appropriate for mid-term and final grades in a less academic course such as chapel/convocation
P	0.0	Passing; appropriate for mid-term and/or final grades in a more academic course where more definitive passing grades are not appropriate; only available for courses that have been approved by Academic Committee for the P/F option; also used for transfer credits posted for students entering spring 2001 and thereafter;
PR	0.0	Progress toward successful completion of requirements for NURS 460
U	0.0	Unsatisfactory; appropriate for mid-term and final grades in a less academic course such as chapel/convocation
AU	0.0	Audit; assigned for mid-term and final grades when student is enrolled for audit only; no credit assigned
W	0.0	Withdrawal
WP	0.0	Withdrawal, passing; assigned when a student dropping the class after the tenth week of classes (or equivalent proportion of the academic term when the term length is other than 15 weeks) has earned a passing average on the work completed so far in the class.
WF	0.0	Withdrawal, failing, and equivalent to an "F"; assigned when a student dropping the class after the tenth week of classes (or equivalent proportion of the academic term when the term length is other than 15 weeks) has earned a failing average on the work completed so far in the class; may also be assigned at any point in the semester in instances of academic dishonesty or other academic infractions.
I	0.0	Incomplete; appropriate only for final grades when there is evidence that a significant event or issue interfered with a student's successful completion of the course; requires the submission of an "Incomplete Contract" to the Registrar's Office. Grades of "I" must be resolved no later than one full calendar year following the semester in which the "Incomplete" was originally assigned or prior to graduation, whichever comes first.
NG	0.0	No grade; appropriate for mid-term and/or final grades where there is no basis upon which to assign either a passing or failing grade; is not the fault of the student, but is a course or faculty issue; must be resolved prior to graduation

Grades of "Incomplete," or "I," are given at the end of the semester only when there is evidence that a significant event or issue interfered with a student's successful completion of the course. Faculty assigning a grade of "I" must complete an "Incomplete Contract" and submit it to the Registrar's office. Grades of "I" must be resolved no later than one full calendar year following the semester in which the "Incomplete" was originally assigned.

For Milligan policies concerning withdrawal from the University or from individual classes, see "Withdrawing from the University or Dropping a Class."

Grading System (Graduate)

A graduate student must achieve a cumulative grade point average of 3.0 (B) to graduate. Exceptions include the Master of Divinity and the Master of Arts in Christian Ministries which require a minimum cumulative grade point average of 2.5 to graduate. For a complete listing of the grading scale for a graduate program, please see the respective program's *Student Handbook*.

Graduation Requirements

Degrees are conferred two times a year, at the end of the fall and the spring semesters. Students will participate in the first graduation ceremony following the completion of degree requirements. It is the policy of Milligan University that only students who have completed all degree requirements may participate in graduation ceremonies. However, students enrolled in traditional undergraduate programs who can complete degree requirements in the summer term(s) that follows the spring commencement ceremony may participate in the spring commencement ceremony.

Notice of Intention to Graduate

Each academic year, degree-seeking candidates must submit the Intention to Graduate form as part of the online check-in process for the fall semester. Registrar's Office staff will complete a transcript evaluation to certify each student's completion of degree requirements.

All fees and other obligations shall be settled two full days before the date on which the degree is to be conferred. All incompletes must be resolved at least two days before commencement. Neither the diploma nor transcripts will be released until all accounts are cleared.

All candidates for degrees are encouraged to take advantage of the placement service in the Career Development Office.

Honors

Undergraduate students who have completed all requirements for the baccalaureate degree are awarded academic honors if the cumulative grade point average is 3.5 or greater. The degree with honors is divided into three levels as follows: *Summa Cum Laude*, based on a grade point average of at least 3.95; *Magna Cum Laude*, based on a grade point average of at least 3.75; and *Cum Laude*, based on a grade point average of at least 3.50.

At the close of each semester, the Academic Dean's Office publishes a list of undergraduate students who have done outstanding work during that semester. The Dean's List is composed of students who earned semester grade point averages of 3.50 to 4.00.

Information Technology

Milligan University provides a computer network for access to the internet, applications, and library services.

Milligan students may connect a personal computer in their residence hall room to access the internet. Most of the campus is also covered with a wireless network. The wireless network may require the Milligan username and password. Details concerning network and cable TV access in student housing are available at https://www.milligan.edu/student-handbook/.

For official communication, including any communication from Milligan offices or Milligan faculty to students, the email address issued by Milligan University will be the only email address used. Notices sent by official Milligan email will be considered adequate and appropriate communication. It is incumbent on students to check their official Milligan email regularly.
The Milligan University Computer Use Policy outlines expected behavior when using the computer network. Students are expected to conform to provisions outlined in the policy, a copy of which is available on the Milligan University Information Technology Web site here: https://it.milligan.edu/policy/.

A variety of networked computer labs and accessories (letter-quality printers, scanners, etc.) are located on campus, some exclusively for public student use and some for specific instructional purposes. In addition, there is a mixture of fixed and mobile units, which enable both instructors and students to address a variety of educational configurations.

Academic Integrity Policy

At Milligan University, academic integrity is inseparable from the university mission and thus is embodied in the University's three institutional outcomes—*scholarship, community,* and *faith*. Therefore, all members of the Milligan community maintain the highest standards of personal and corporate conduct.

In *scholarship*, academic integrity means that when any person submits work or assignments in his/her name, that person has either a) produced the work without any help from any other person and has appropriately cited sources which support that work, or b) received explicit instructions from the instructor or convenor that the work may be completed collaboratively. The University strives to instill scholarly, personal, and academic integrity because of the high value the University attaches to scholarship. Any violation of academic integrity weakens scholarship.

Furthermore, a violation of academic integrity undermines *community* because it misrepresents one's self to others, thereby weakening the bonds of trust which sustain community life.
Similarly, a violation of academic integrity affects one's own *faith* and the *faith* of others by falsely portraying another's work as one's own, thereby willfully ignoring personal responsibility and failing to demonstrate the discipline and self-control that mark a mature Christian life.

Therefore, the behavior of persons who violate academic integrity directly undermines the University's mission. Since violations of academic integrity are related to a student's class work, the appropriate response is vested in the professor or the appropriate academic administrator(s). Violations of academic integrity are processed according to the following guidelines:

Undergraduate Student Violations

Depending upon the nature and extent of the offense, the student may receive a failing grade on the individual assignment or a failing grade in the course. In all cases, the professor will notify the student in writing of the offense and the sanction. A copy of the notification will be provided to the Vice President for Academic Affairs and Dean, who may then refer the matter to the Discipline Committee and may inform the Dean of Students and/or the Director of Athletics. Upon a second and flagrant violation of academic integrity by the same student, the Vice President for Academic Affairs must refer the case to the Discipline Committee for review and for possible dismissal of the student from the University. With the exception of cases referred to the Discipline Committee, the student may request further hearing via the Academic Grievance Procedure.

Graduate Student Violations

Depending upon the nature and extent of the offense, the student may receive a failing grade on the individual assignment or a failing grade in the course. In all cases, the professor will notify the student in writing of the offense and the sanction. A copy of the notification will be provided to the Vice President for Academic Affairs and Dean, who may then refer the matter to the Discipline Committee and may inform the Dean of Students and/or the Director of Athletics. Upon a second and flagrant violation of academic integrity by the same student, the Vice President for Academic Affairs must refer the case to the Discipline Committee for review and for possible dismissal of the student from the University. With the exception of cases referred to the Discipline Committee, the student may request further hearing via the Academic Grievance Procedure.

Disabilities

Individuals with disabilities who require assistance should contact the Director of Disability Services.

Director of Disability Services
P.O. Box 500
McMahan Student Center
Milligan, TN 37682
423.794.3088
disabilityservices@milligan.edu

Notification of Disabilities

It is the responsibility of the student to notify the school of his or her disability and to follow the process for requesting appropriate auxiliary services and academic adjustments.

1. Entering students requesting auxiliary aids and/or academic adjustments should arrange to meet with the Director of Disability Services (DDS) prior to matriculation at Milligan. A current student who discovers the need for accommodations may submit a request at any point during his or her academic career.
2. In addition to meeting with the DDS, the student must provide documentation of the disability. This documentation must be prepared by a medical doctor, psychologist, or other qualified diagnostician as appropriate.
3. Complete documentation should include a diagnosis of the current disability, the date of this diagnosis, how the diagnosis was reached, the credentials of the diagnosing professional, how this diagnosis affects a major life activity, and how the disability affects the student's academic performance.
4. If available, the student should submit other documentation such as an Individualized Educational Program (IEP) or a section 504 plan from high school. Milligan prefers these plans to be dated within the three years prior to submission.

Process of Establishing Accommodations

1. Upon receipt of requests for auxiliary aids, the Director of Disability Services (DDS) will procure recommendations from a medical professional, professional counselor, or occupational therapist as appropriate.
   a) In all cases, the age of the student, thoroughness of the documentation, and adjustments being requested will assist in determining whether the evidence submitted is sufficient for eligibility.
   b) Students will be notified of their status after appropriate medical professionals associated with the University have reviewed the documentation. **If more documentation is required, the student will be informed.**
   c) When a student's documentation is lacking or insufficient or is considered outdated, it may be necessary to secure a new evaluation. The student will be notified by the DDS of the need for any updated evaluations. In such cases, the student will receive recommendations for appropriate medical professionals able to provide a new evaluation.
   d) **It will be the student's responsibility to secure the needed evaluation by sufficiently trained medical professionals. Only when this step is completed will the University assume responsibility for providing requested academic adjustments.**
2. **It is the student's responsibility to make an appointment with the DDS to discuss reasonable adjustments** and determine the appropriate faculty and/or staff to receive information of auxiliary aids and/or academic adjustments. **Adjustments will not be initiated prior to this meeting** (i.e. priority registration, extended time on tests, etc.).

Establishment of Academic Experiences for Students Seeking Accommodations and Determining Essentialness

Essential academic experiences are those learning activities that the University has determined are fundamental for achievement of prescribed learning outcomes in a course or academic program. Essential academic experiences in all curricula are determined by the Academic Committee through regular and systematic review of course and program requirements. In cases where requested academic accommodations may affect the achievement of essential academic experiences, a review of academic accommodations by the Director of Disability Services (DDS) will consider both the student's disability and possible alternative means of meeting the academic requirements.

Below is the procedure by which the University will determine the essentialness of specific academic requirements that will be affected by requested academic accommodations.

1. Upon receipt of a student's request for accommodations, such as auxiliary aids and/or academic adjustments, the DDS will consult with academic advisors in the program field as well as with professionals in medical or occupational areas (either within or outside of the university community). Such a review will take into account the extent of the student's disability, prior use of auxiliary aids, as well as the nature of the program content and alternative options.
2. Based on the foregoing documentation and evaluation, the DDS will notify faculty members each semester of specific auxiliary aids and/or academic adjustments that are to be granted.
3. Students or faculty who wish to appeal the University's decisions regarding the essentialness of specific academic requirements should follow the procedures found in the *Catalog* and the *Student Handbook*.

Appeal and Formal Grievance Procedure for Individuals with Disabilities

Milligan University strives to maintain the highest standards of integrity of upholding the rights of persons with disabilities provided by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (amended 2008). Milligan has adopted internal appeal and grievance procedures to provide for the expeditious and equitable resolution of complaints of discrimination, including but not limited to, the provision of accommodations to students or applicants for admission and complaints by employees who believe they have been subject to discrimination.

The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of a 504/ADA complaint with the responsible federal department or agency. Use of this grievance procedure is not a prerequisite to the pursuit of other remedies, although it is strongly suggested that this procedure be used first.

Accommodation Appeal Procedure

This appeal process shall apply to situations where a student has followed the established procedures to request auxiliary aids and/or academic adjustments on the basis of a disability, and disagrees with the recommended accommodations or the request has been denied. All other student grievances shall follow the University's Formal Grievance Procedures.

1. The student should discuss concerns with the Director of Disability Services upon receiving notification or denial of accommodations.
2. In the event that the DDS is not able to make satisfactory changes to recommended student accommodations, the student will be required to submit a written appeal which will be reviewed by the Dean of Students (Tony Jones: tjones@milligan.edu) and, if necessary, the professional providing the original recommendation.
3. If the concern is still not resolved, the matter will be brought to the ADA Committee (Mr. Brent Nipper, Director of Property and Risk Management, Little Hartland; wbnipper@milligan.edu).

Accommodation appeals can be made at any point during the semester; however, students are encouraged to address any concerns regarding their accommodations with the DDS as soon as possible. Any revisions to

accommodations will not result in retroactive grade adjustments or the opportunity to resubmit completed tests and/or assignments.

Formal Grievance Procedure

The Formal Grievance Procedure is available for any individual (student or employee) who feels subject to discrimination due to a disability. The formal grievance procedure is as follows:

1. The complainant/grievant should obtain a Grievance Form from the Director of Disability Services (DDS). The complainant/grievant must submit a completed Grievance Form to the Director of Disability Services (DDS). Should the complaint be against the Director of Disability Services, the form may be submitted to the Chair of the ADA Committee (Mr. Brent Nipper, Director of Property and Risk Management, Little Hartland; wbnipper@milligan.edu).

2. A complaint must be submitted within 90 calendar days of the occurrence of the alleged violation.

3. An investigation conducted by the DDS, or other designee as may be appropriate, shall follow the filing of a complaint. The investigation shall be informal, but thorough, and it should afford all interested persons and their representatives, if any, an opportunity to submit evidence relevant to the complaint.

4. A written determination as to the findings of the investigation of the complainant and the description of the resolution, if any, shall be forwarded to the ADA Committee within 45 calendar days of the Complaint's filing, who shall review the information and rule on the case. A final determination will be released by the Chair of the ADA Committee no more than 15 days after the Committee's receipt of the initial finding.

5. If the decision of the ADA Committee is unacceptable to the complainant, he/she may request a formal hearing with the ADA Committee within 15 business days of the receipt of the determination of the Committee. A meeting will include the complainant and, at a separate time, any other party involved for review of the incident. Within 15 business days of this meeting, the Committee will forward its recommendation to the university vice-president(s) overseeing that portion of university operations to which the complaint relates. Within 15 business days of the receipt of this recommendation, the appropriate vice-president(s) will make a final ruling on the grievance and will forward that ruling in writing to the complainant.

6. If the grievance is substantiated and the University is found to be in violation of disability mandates, a copy of the decision letter will be forwarded to the University President. The President will assemble a committee of appropriate parties to determine options for a fair and expeditious remedy to the violation as well appropriate policy and procedure revisions to prevent a recurrence of the violation.

7. If the grievance is not substantiated, the complainant may appeal the decision of the ADA Committee to the University President within 15 days of the determination in 5) above.

8. All decisions of the Office of Student Disability Services stand until such time as the grievance process is completed.

This foregoing formal grievance procedure is applicable to both students and employees.

The DDS shall maintain the files and records relating to the complaints for a period of 3 years.

Library Services

Milligan Libraries operates in two physical locations on the Milligan University campus as vital gathering places for study and learning—the P. H. Welshimer Memorial Library at the center of campus and the Emmanuel Christian Seminary at Milligan Library located in the west wing of the Phillips Building. The Library provides an array of print, media, and electronic information resources (accessible on- or off-campus, 24 hours a day/7 days a week from the Library's website, library.milligan.edu), as well as computer and printing services and wireless internet access. Friendly and qualified librarians at both locations are available to assist students with resource and research needs through in-person consults, telephone, or online reference services.

Milligan OneSearch, accessible from the Library website, is a centralized information resource discovery hub, integrating the Library catalog and numerous e-book, journal article, and media databases to support students' study and research. The Library catalog is also integrated with WorldCat, which connects users to the holdings of thousands of libraries worldwide. Combined with the Library's interlibrary loan service, Milligan OneSearch and WorldCat greatly enhance student and faculty access to quality information resources.

Milligan Libraries is a participating member in the Appalachian College Association's (ACA) Bowen Central Library of Appalachia and Tennessee Electronic Library, which provide electronic information resources and group purchasing discounts to member libraries. Locally, Milligan Libraries participates in resource-sharing agreements with East Tennessee State University. The Holloway Archives at Milligan University, housed within the P. H. Welshimer Memorial Library, contain materials documenting the history of Milligan University. The Helsabeck Archive of the Stone-Campbell Movement at the Seminary Library is a research facility for the examination of the Stone-Campbell tradition past and present.

Probation and Dismissal of Undergraduate Students

An undergraduate student who fails to achieve a 2.0 grade point average during any semester of enrollment in Milligan University or who fails to have a 2.0 cumulative grade point average is placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit are factors in determining probation or dismissal. If the student on probation fails to achieve a 2.0 the following semester, the University is not obligated to grant the privilege of further study at Milligan.

Milligan University is seriously concerned that every student who enters the University makes progress toward the attainment of a degree. Consequently, academic progress is judged to be paramount to the many extracurricular activities that are available to Milligan students. Every student is encouraged to participate in extracurricular activities; however, in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the University to limit such participation. To participate, the student must maintain a 2.0 grade point average. Additional limitations may be imposed as deemed appropriate by the Dean or an administrative officer designated by the Dean.

Spiritual Formation

In support of its mission of educating men and women to become servant-leaders, Milligan University requires all traditional undergraduate students to participate in its Spiritual Formation Program. Students are required to accumulate 150 Spiritual Formation Program (SFP) credits in order to graduate. SFP credits are earned by participating in Chapel and Convocation services as well as other Campus Ministry programs. A calendar of qualifying SFP events is published at the beginning of each semester and maintained on the University's website.

Testing Services (Undergraduate Students)

All entering students are evaluated in the basic skills of reading, writing, and mathematics based on their ACT and SAT test scores. Proficiency in these basic areas is a graduation requirement. Services are provided to help students attain these proficiencies (see Developmental Studies).

- The ETS Proficiency Profile exam evaluate students in critical thinking, reading, writing, and mathematics. These exams are administered to entering freshman and/or returning juniors in the fall semester.

- Capstone assessments are required of all baccalaureate degree-seeking students. The purpose of the assessments is to evaluate students' achievement of learning outcomes in their major fields of study. Capstone assessments may include a standardized exam, faculty-created exam, portfolio, project, recital, research paper, or practicum. The assessment may be incorporated into a senior level/capstone course or administered by the Director of Testing in a student's final semester. Unless the senior exam requirement is a graduate admissions exam, licensure requirement, or completed in a capstone course (see Capstone Policy chart on the next page), students will be notified of the group testing date in their final semester by the Director of Testing. Students pursuing double majors must complete the capstone required for each major.

Testing Services (Graduate Students)

Graduate students may receive credit through CLEP testing to meet prerequisite program requirements or teacher licensure content area requirements providing that the academic advisor approves the granting of credit. Milligan graduate students may submit scores on examinations taken through the CLEP program to the registrar for evaluation. College credit will be granted on the basis of an acceptable score earned through these testing programs as determined by the Academic Committee rather than by the testing company. Credit earned through CLEP testing will count as post-baccalaureate credit. See the undergraduate CLEP table for information about CLEP tests, acceptable scores, and credits awarded.

Capstone Assessment Policy

Major	Requirement	Location Administered
Accounting	Peregrine Academic Services (PAS) exam	Date/location TBA by Accounting Faculty
Allied Health Science (Pre-Pharmacy)	Pharmacy College Admissions Test (PCAT)	Student must register at www.pcatweb.info
Allied Health Science (Pre-Optometry)	Optometry Admission Test (OAT)	Student must register at www.ada.org/en/oat/guide
Biblical and Theological Studies	Portfolio	CMIN 480
Biology	Major Field Test (MFT)	BIOL 494
Business Administration	Peregrine Academic Services (PAS) exam	BADM 470
Chemistry	Major Field Test (MFT)	Date/location TBA by Director of Testing
Child and Youth Development	edTPA Exam (licensure) or	Student must register at www.edtpa.com (licensure)
	Departmental Exam (non-licensure)	Canvas online- dates TBA by Director of Testing (non-licensure)
Children's Ministry	Portfolio	CMIN 480
Church Leadership	Portfolio	CMIN 480
Communications	Portfolio	Student meeting with advisor
Computer Science	Project	CS 450
Criminology/Criminal Justice	Project	CRCJ 494
Cybersecurity	Project	CS 425
Economics	Peregrine Academic Services (PAS) exam	ECON 312 or 402
Electrical Engineering	Fundamentals of Engineering (FE) Examination	Students must register at www.ncees.org
English	Major Field Test (MFT)	Date/location TBA by Director of Testing
Exercise Science	Departmental exam	Date/location TBA by Director of Testing
Film	Portfolio	FILM 477
Fine Arts	Project	ART 421
Graphic Design	Portfolio	COMM 480
History	Area Concentration Achievement Test (ACAT)	Date/location TBA by Director of Testing
Humanities	Project	HUMN 490
Information Systems	Project	IS 450
Interactive Media Design	Portfolio	COMM 480
Intercultural Studies	Portfolio	CMIN 480
Interdisciplinary Studies	Departmental exam	Date/location TBA by Director of Testing
International Studies	Research Paper	SOCL 401
Mathematics	Major Field Test (MFT)	Date/location TBA by Director of Testing
Mechanical Engineering	Fundamentals of Engineering (FE) Examination	Students must register at www.ncees.org
Multimedia Journalism	Portfolio	COMM 480
Music Education (K-12 Instrumental or Vocal)	edTPA Exam	Student must register at www.edtpa.com
Music Performance	recital or project or research	MUSC 408 or 490 or 499C
Musical Theatre	performance or project or research	TBD by musical theatre faculty
Nursing	Departmental exam	NURS 460
Nursing – RN to BSN	Project	NURS 421P
Political Science	Major Field Test (MFT)	Date/location TBA by Director of Testing
Psychology	Major Field Test (MFT)	PSYC 401
Public Relations	Portfolio	COMM 480
Social Work	Area Concentration Achievement Test (ACAT)	Date/location TBA by Director of Testing
Spanish	Research Project	SPAN 499
Student Ministry	Portfolio	CMIN 480
Worship Leadership	Portfolio	CMIN 480

Credit by Examination

Milligan University recognizes that not all college-level learning occurs in a college classroom and awards credit earned by testing. The Testing Office evaluates and/or administers the following testing programs:

- Advanced Placement (AP) Program
- College Level Examination Program (CLEP)
- DSST/DANTES Program
- International Baccalaureate (IB) Program

Milligan University students may submit scores on examinations taken through these programs to the registrar for evaluation. College credit will be granted on the basis of an acceptable score earned through these testing programs as determined by the Academic Committee rather than by the testing company under the conditions listed in the guidelines below. Credit may not duplicate previously earned college credit, and students may not replace a grade previously earned in a course with CLEP credit, e.g. if students fail a course or do not earn an acceptable grade, they cannot take the CLEP exam and receive credit for that course. The only way to improve a grade or receive credit for a failed course is to retake the course.

Only official score transcripts that are sent directly to the Milligan Registrar's Office from applicable testing programs/agencies will be evaluated. Credit will be given only for scores that meet Milligan requirements even if credit was granted at another institution based on lower credit-granting standards. A **maximum of 32 semester hours** can be earned by testing. For traditional undergraduate students, no credit by exam will be allowed after a student has earned a cumulative total of 64 hours of college credit. For students in degree completion programs, no credit by exam will be allowed after a student has finished two terms in the Milligan University degree completion program.

See the following tables for information about AP, CLEP, and IB exams, acceptable scores, and credits awarded. A DSST score that is equivalent to at least a grade of "B" is reviewed by the Director of Testing for possible course credit. See the Director of Testing for specific information about the DSST Program.

Statewide Dual Credit

Students entering Milligan from a Tennessee high school should notify the Registrar if they have passed challenge exams for Statewide Dual Credit (SDC) courses. The Registrar will post the SDC credits on the student's Milligan transcript upon verifying that the scores meet TN Department of Education standards for mastery.

Cambridge Assessment International Education (CIE)

Upon receiving a student's official CIE Grade Transcript, the Associate Registrar and Director of Testing will forward CIE course materials to the area chairs who oversee each content area and the faculty members who oversee the specific programs of study (if applicable). The area chair or other faculty designee will review the CIE course content and determine if Milligan credits will be granted. The faculty member will provide specific recommendations regarding how any credits granted will apply to the GER, major, and/or general electives.

Foreign Language Achievement Testing (FLATS)

FLATS exams are offered through Brigham Young University for a variety of international languages. Milligan students may earn 3 hours of credit and fulfill the intermediate language requirement for the Bachelor of Arts degree by passing a FLATS exam at the 201 level. Interested students with background in a language other than English should contact the Associate Registrar and Director of Testing.

Advanced Placement (AP) Policy

AP Exam Title	Score	Course & Credits
Art History	3, 4, 5	HUMN core (3 credits) or ART 367 (3 credits)
Biology	3, 4, 5	Gen Ed Lab Science (BIOL 110, 4 credits)
Calculus AB	3	Gen Ed Math (3 credits)
	4, 5	MATH 211 (4 credits)
Calculus BC	3	Gen Ed Math (3 credits)
	4	MATH 211 (4 credits)
	5	MATH 211 & 212 (8 credits)
Capstone-Research	3,4,5	general elective (3 credits)
Capstone-Seminar	3,4,5	general elective (3 credits)
Chemistry	3	Gen Ed Lab Science (CHEM 150, 4 credits)
	4, 5	CHEM 170 (4 credits)
Chinese Language & Culture	3, 4, 5	CHIN 111 & 112 (6 credits)
Comparative Government & Politics	3, 4, 5	POLS elective (3 credits)
Computer Science A	3, 4, 5	IS or CS elective (3 credits)
Computer Science Principles	3, 4, 5	IS or CS elective (3 credits)
*English Language & Composition	3	general elective (3 credits)
	4, 5	COMP 111 (3 credits) & general elective (3 credits)
*English Literature & Composition	3	general elective (3 credits)
	4, 5	COMP 111 (3 credits) & general elective (3 credits)
Environmental Science	3, 4, 5	GNSC 131 (3 credits)
European History	3	general elective (3 credits)
	4, 5	**HUMN core (6 credits)
French Language & Culture	3, 4, 5	FREN 111 & 112 (6 credits)
German Language & Culture	3, 4, 5	GERM 111 & 112 (6 credits)
Human Geography	3, 4, 5	GEOG 202 (3 credits)
Italian Language & Culture	3, 4, 5	general elective (6 credits)
Japanese Language & Culture	3, 4, 5	general elective (6 credits)
Latin	3, 4, 5	general elective (6 credits)
Macroeconomics	3, 4, 5	ECON 201 (3 credits)
Microeconomics	3, 4, 5	ECON 202 (3 credits)
Music Theory	3, 4, 5	MUSC 143 (3 credits)
Physics 1: Algebra-Based	3, 4, 5	Gen Ed Lab Science (4 credits)
Physics 2: Algebra-Based	3, 4, 5	Gen Ed Lab Science (4 credits)
Physics C: Electricity & Magnetism	3	Gen Ed Lab Science (4 credits)
	4, 5	PHYS 204 (4 credits)
Physics C: Mechanics	3	Gen Ed Lab Science (4 credits)
	4, 5	PHYS 203 (4 credits)
Psychology	3, 4, 5	PSYC 150 (3 credits)
Spanish Language & Culture	3, 4, 5	SPAN 111 & 112 (6 credits)
Spanish Literature & Culture	3, 4, 5	TBD faculty review
Statistics	3, 4, 5	MATH 213 (3 credits)
Studio Art: 2-D Design	3, 4, 5	general elective (3 credits)
Studio Art: 3-D Design	3, 4, 5	general elective (3 credits)
Studio Art: Drawing	3, 4, 5	general elective (3 credits)
U.S. Government & Politics	3, 4, 5	POLS 120 (3 credits)
U.S. History	3	general elective (3 credits)
	4, 5	**HUMN 201 or 202 (4 credits) & general elective (2 credits)
World History	3	general elective (3 credits)
	4, 5	**HUMN core (6 credits)

*maximum of 6 credits awarded for English Literature and/or English Language exams

** maximum of 6 history credits will count toward the Humanities core

College Level Exam Program (CLEP) Policy

Area	CLEP Exam	Credit Granted	Score Required	Equivalent Course(s)
Humane Learning	American Literature**	3	50	*Counts toward HUMN core
	Analyzing and Interpreting Literature**	3	50	*Counts toward HUMN core
	College Composition	3	50	*COMP 111
	College Composition Modular	-		Not accepted for credit
	English Literature	3	50	*Counts toward HUMN core
	Humanities	6	50	*Counts toward HUMN core (4 credits) and 2 general elective credits
	French Language: Levels 1 and 2	6	50	FREN 111 and 112
		9	59	FREN 112, 211, 212
	German Language: Levels 1 and 2	6	50	GERM 111 and 112
		9	60	GERM 112, 211, 212
	Spanish Language: Levels 1 and 2	6	50	SPAN 111 and 112
		9	63	SPAN 211, 220, 221
	Spanish with Writing: Levels 1 and 2	6	50	SPAN 111 and 112
		9	63	SPAN 211, 220, 221
	History of the United States I: Early Colonization to 1877	3	50	*Counts toward HUMN core; Does not count as HIST 209
	History of the United States II: 1865 to the Present	3	50	*Counts toward HUMN core; Does not count as HIST 210
	Western Civilization I: Ancient Near East to 1648	3	50	*Counts toward HUMN core
	Western Civilization II: 1648 to the Present	3	50	*Counts toward HUMN core
Business	Principles of Macroeconomics	3	50	ECON 201
	Principles of Microeconomics	3	50	ECON 202
	Financial Accounting	3	50	ACCT 211
	Introductory Business Law	3	50	BADM 321
	Principles of Management	3	50	BADM 361
	Principles of Marketing	3	50	BADM 315
IS	Information Systems	3	50	CIS 185
Scientific Learning	Biology**	6	50	3 credits towards non-lab science Gen Ed requirement and 3 general elective credits
	Chemistry**	6	50	3 credits towards non-lab science Gen Ed requirement and 3 general elective credits
	Natural Sciences**	6	50	3 credits towards non-lab science Gen Ed requirement and 3 general elective credits
	College Mathematics	6	50	MATH 107 (3 credits) and 3 credits elective credits
	College Algebra	3	50	MATH 111
	Calculus	4	64	MATH 211
	Precalculus	3	61	MATH 171
Social Learning	American Government	3	50	POLS 120
	Human Growth and Development	3	50	PSYC 252
	Introduction to Educational Psychology	3	50	Elective
	Introductory Psychology	3	50	PSYC 150
	Introductory Sociology	3	50	SOCL 201
	Social Sciences and History	6	50	Elective

*For undergraduate students in traditional programs, CLEP credit will only count toward COMP 111 or the Humanities core before enrolling at Milligan (will be applied as "elective" credit after enrolling at Milligan).
**Credit from this exam does not count toward major or minor requirements.

International Baccalaureate (IB) Policy

IB Exam	Score	Courses and Credits
Biology SL or HL	5, 6, 7	BIOL 111 and 112, 8 credits
Business and Management	6	BADM 210, 3 credits
Chemistry SL	6, 7	CHEM 170, 4 credits (in majors not requiring organic chemistry)
Chemistry HL	5	CHEM 170 (4 credits)
	6 or 7	CHEM 170 and 171 (8 credits)
Classical Languages	HL 6, 7 or SL 7	General elective, 6 credits
Computer Science	6	General elective, 3 credits
Creativity, Action, Service		Not offered
Design Technology	6, 7	General elective, 3 credits
Economics	6	General elective, 3 credits
Film	6, 7	General elective, 3 credits
Environmental Science	5, 6, 7	GNSC 131, 3 credits
Further Mathematics HL	5, 6, 7	MATH 212 and 302, 7 credits
Geography	5, 6	GEOG 201, 3 credits
History SL or HL	5, 6	HUMN core or history elective, 3 credits
Islamic History	5, 6	HIST 206, 3 credits
IT in a Global Society	6	CIS 201, 3 credits
Language A I (English: world lit)	HL 5, 6, 7 or SL 6, 7	Humanties core, 3 credits
Language A2 (French, Germ, Span)	HL 5	Elementary year, 6 credits
	or SL 6	
	HL 6, 7 or SL 7	Elementary and Intermediate, 12 credits
Language ab initio (No HL SL distinction)	6	FREN, GERM, or SPAN 111, 3 credits
	7	FREN, GERM, or SPAN 111-112, 6 credits
Language B	HL 5 or SL 6	FREN, GERM, or SPAN 111, 3 credits
	HL 6, 7 or SL 7	FREN, GERM, or SPAN 111-112, 6 credits
Mathematics Analysis and Approaches SL or HL	4	MATH 171 (3 credits)
	5, 6, 7	MATH 171 (3 credits) and MATH 211 (4 credits)
Mathematics Applications and Interpretation SL or HL	4	MATH 171 (3 credits)
	5, 6, 7	MATH 171 (3 credits) and MATH 213 (3 credits)
Music	6, 7	General elective, 3 credits
Philosophy	HL 5, 6, 7 or SL 6, 7	General elective, 3 credits
Physics SL or HL	5, 6, 7	Lab science General Education Requirement (8 credits)
Psychology	5,6,7	PSYC 150, 3 credits
Social and Cultural Anthropology	5, 6	SOCL 210, 3 credits
The Extended Essay (No HL SL distinction)	6, 7	COMP 111, 3 credits
Theatre Arts	6, 7	General elective, 3 credits
Theory of Knowledge		Not offered
Visual Arts	6, 7	General elective, 3 credits

HL=Higher Level Exam; SL=Subsidiary Level Exam

Transfer Credit Policy

For transfer courses, only the credit hours are posted to the student's transcript. No grades are recorded for the transferred credit. Quality points for transfer credits are not included in the Milligan University grade point average. Milligan does not grant any transfer credit for courses from other institutions for which a grade below a C- was earned. Registrar's Office staff evaluate transfer credits on a course-by course basis in consultation with area faculty based on the student's transcript and catalog course descriptions and/or syllabi from the transfer institution.

Milligan accepts transfer credits from regionally accredited institutions based on the policies noted above and evaluates transcripts from non-regionally accredited institutions on a case-by-case basis pending registrar and faculty review of the student's transcript and the institution's catalog. In some instances, course syllabi may be requested.

After matriculation, for undergraduate students in traditional programs, no transfer credit will be allowed for: Freshman and Sophomore Humanities Core Courses (HUMN 101, 102, 201, 202); Freshman and Sophomore Composition Courses (COMP 111 and 211); Christ and Culture (BIBL 471); Old and New Testament Survey (BIBL 123, 124).

All transfer students are exempt from taking MLGN 100, Introduction to College and Service. Transfer students who enter Milligan at the junior or senior level (58 or more credits) are exempt from taking MLGN 200, Introduction to Calling and Career.

The transfer of credits after matriculation requires advance advising and approval. Matriculated students should complete a Transfer Course Approval form available in the Registrar's Office, obtaining the signature of a registrar and, in some cases, the student's advisor.

A student transferring from another college or university must be enrolled at Milligan during the three semesters (may include one eight-week summer session) immediately preceding graduation and must successfully complete no fewer than 45 semester hours through instruction at Milligan University. A minimum of one-third of the hours within a major must be earned at Milligan to receive a degree from Milligan. If a student wishes to complete a minor at Milligan, a minimum of one-third of the hours within that minor must also be earned at Milligan.

Articulation/Transfer Agreements

Milligan University is dedicated to creating educational partnerships with community colleges. To facilitate the transfer of students from Tennessee community colleges, the University participates in the Tennessee Transfer Pathways, whereby students completing associate degree programs in certain identified programs of study at Tennessee community colleges can transition seamlessly to Milligan as juniors. For more information about the Tennessee Transfer Pathways, visit www.tntransferpathway.org.

Students interested in attending Milligan and utilizing the Tennessee Transfer Pathways or an articulation agreement are encouraged to indicate their interest to their academic advisor at the community college prior to or during their first term in attendance. They should also visit http://admission.milligan.edu/articulation-agreements/ and contact the Transfer Admissions Counselor at Milligan University.

College credits from most accredited two- and four-year institutions are widely transferable to Milligan, even in the absence of an articulation agreement. If no articulation agreement currently exists with an institution, planning for transfer remains a simple process. Meet with a Milligan admissions counselor and mention the name or names of the schools of interest. The Admissions Office and Registrar's Office at Milligan will evaluate transcripts and, using catalogs from the community college, choose courses that are appropriate to meet general education and major requirements.

Transcripts

Official transcripts of the student's academic record are furnished only upon the request of the student. Students and alumni may order electronic or paper official transcripts by placing an online order for an electronic official transcript processed through the National Student Clearinghouse (NSC), by placing an online order for a printed official transcript processed through NSC, or by placing a paper order for a printed official transcript processed through the Milligan Registrar's Office. Detailed instructions for ordering a transcript are available at https://www.milligan.edu/academics/registrar/#transcripts.

A one-time academic records fee is charged to all matriculating students, which is a lifetime fee for printed transcripts processed through the Milligan Registrar's Office. NSC charges a small fee for electronic transcript orders.

Transcripts are withheld if the student or alumnus has an unsettled obligation to the University.

Withdrawal from the University or Dropping a Class

Withdrawal from the University

Before withdrawing from the University, a student is expected to meet all obligations involving instructors, fellow students, deans, residence hall directors, the Vice President for Business and Finance, and the Registrar. The withdrawal process begins in the Office of Student Success and ends in the Registrar's Office; other offices (Academic Dean, Registrar, Financial Aid, Student Financial Services) are notified of the student's withdrawal.

Students who leave the University without fulfilling these obligations receive "F"s in all classes in which they are enrolled and forfeit any returnable fees which may have been paid to the University.

Students withdrawing from the University during the first two weeks (or 14 calendar days) of the semester (or the equivalent proportion of an academic term when the term length is other than 15 weeks) begin the withdrawal process with the Director of Student Success and Disability Services. The students will have no academic record for that semester. However, the instructor or the Academic Dean has the right to assign grades of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

Students withdrawing from the University from the 15th calendar day through the 10th week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) begin the withdrawal process with the Director of Student Success and Disability Services. Classes are evaluated with the grade of "W." However, the instructor or the Academic Dean has the right to assign grades of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

Students withdrawing from the University after the 10th week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) begin the process with the Director of Student Success and Disability Services. Classes are evaluated with the grade of "WP" ("withdrawal and passing") or "WF" at the discretion of the instructor. However, the instructor or the Academic Dean has the right to assign grades of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

Medical Withdrawal from the University

Students requesting a medical withdrawal from the University from the 15th calendar day through the last class meeting day of the term begin the withdrawal process with the Director of Student Success and Disability Services. The student must provide a letter from a physical or mental health professional on letterhead recommending the medical withdrawal; the letter must include the reason the student is requesting a medical withdrawal, including the diagnosis, the date of initial treatment, and the dates of subsequent treatment (if applicable). The Director of Student Success and Disability Services will colloborate with the Dean of Students and/or the Academic Dean to determine if a medical withdrawal will be granted. Classes are evaluated with the grade of "W." However, the instructor or the Academic Dean has the right to assign grades of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

To be readmitted, the student must provide documentation from the physical or mental health professional clearing the student to resume studies.

Administrative Withdrawal from the University

The University may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort. Administrative withdrawals during the first 10 weeks of the semester (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will receive a grade of "W" in all classes. However, the instructor or the Academic Dean has the right to assign grades of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions. Administrative withdrawals from the University after the 10th week will be recorded with "WP" or "WF" at the discretion of the instructors.

The University may dismiss a student for social infractions. Social dismissals during the first 10 weeks of the semester (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will receive a grade of "W" in all classes, unless failing grades are also a part of the penalty. Social dismissals after the tenth week will be recorded with "WP" or "WF" at the discretion of the instructor.

Dropping a Class

Classes dropped during the first two weeks (or 14 calendar days) of the semester (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will not appear on the student's transcript. Dropping a class requires the permission of instructor and the academic advisor.

A student may drop a class from the 15th calendar day through the 10th week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) only after receiving written consent (i.e. signatures on the dated schedule change form) from the class instructor and the academic advisor. Classes dropped are evaluated with the grade "W." However, the instructor or the Academic Dean has the right to assign a grade of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

Students dropping a class after the 10th week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will be assigned by the instructor a grade of "WP" ("withdrawal and passing") or "WF" ("withdrawal, failing, and equivalent to an "F"). Dropping a class with a "WP" or "WF" requires the permission of the instructor and the academic advisor. Such permission must be received in the Registrar's Office before the end of the last day of the term (not including final exam week).

Academic Grievance Policy

The University takes very seriously its obligation to evaluate students' learning in ways that contribute to its academic mission and that support students in their educational goals. The goals of student evaluation are: 1) to promote student learning by giving individual students clear indications regarding their degree of mastery of course material, and 2) to provide a basis of comparison across the curriculum for determining whether the University as a whole is achieving its academic mission. Faculty have charge over the means of evaluating student learning within the parameters set by the University 's mission and the learning outcomes of each individual course. Faculty assign grades to students only after careful measurement of students' individual academic performance against the stated learning outcomes of the course. They are obligated to develop grading policies that are clear, reasonable, attainable, and yet academically challenging to students. Faculty are obligated furthermore to pursue these policies consistently with the goal of facilitating learning among all students in a class. Students are obligated to understand the grading policies within a particular class, to abide by them, and be willing to accept the consequences of failing to abide by them.

This academic grievance policy does not supersede established university policies regarding disabilities accommodations. Nor does it apply to student appeals regarding admission to or continued enrollment at the University. Nor does it apply to appeals regarding admission to or retention in specialized academic programs such as Nursing or Teacher Education. Students considering appeals in any of those situations should consult relevant policies within the *Catalog* or *Student Handbook*. This policy applies only to appeals regarding the academic evaluations given to students within the parameters of an individual class.

Informal Consultations Regarding Grades

A student may discuss the grading policies and procedures of any class with his or her instructor. The student is also free to seek clarification regarding the justification for a particular grade received in a class. Faculty should be receptive to these inquiries, as they provide occasion for further learning by the student as well as for increased understanding of the student by the instructor. The University strongly encourages a student who has questions about an assignment or course grade to take the matter up informally and immediately with his or her instructor. Such meetings should take place in person wherever possible. In most cases, this sort of open communication between instructor and student will result in a resolution of the student's concerns in a way both will find satisfactory.

Formal Academic Grievance Policy

In those rare cases where no satisfactory resolution is found through informal consultation between instructor and student, the University has adopted a formal academic grievance policy to assist the student in achieving this resolution. The formal academic grievance policy is designed for situations in which there has been a genuine academic irregularity that has resulted in an unjustified academic penalty for a student. An example of such an irregularity would be a professor's alleged failure to follow the grading procedures outlined in the course syllabus, along with the allegation that such failure harmed the student in some significant way. The academic grievance process is not to serve merely as an outlet for student frustration over an undesirable grade. Since the formal academic grievance policy is primarily a way to redress a perceived failure to follow established guidelines for grading within a course, it is important that everyone involved undertake the grievance process with special care. Further, all parties must commit to resolving any dispute in a manner that 1) shows respect for both faculty and students and 2) supports the University 's educational mission.

Students who desire to pursue an academic grievance against a grade in a class must first have exhausted the option of informal consultation with the instructor as indicated above before pursuing the following steps.

1. The student should submit a written appeal to the instructor and to the Area Chair to whom the instructor reports detailing the nature of the grievance and requesting a specific remedy to the grievance. Should the Area Chair determine that the grievance still has the potential to be resolved between the student and the instructor, the

Chair will reply in writing to the student indicating that more needs to be done informally prior to pursuing a formal grievance procedure. Should the Area Chair deem the grievance to warrant further inquiry, the Area Chair will indicate to the student in writing that he or she has decided to hear the student's appeal. In that case, the Area Chair will call and preside over a meeting with the faculty member and the student in attendance in an attempt to mediate the grievance and achieve a satisfactory resolution. At the conclusion of this meeting, the Area Chair will issue a written decision regarding the grievance to the student and the faculty member.

The student has the option of appealing the Area Chair's written decision regarding an academic grievance to the Vice President for Academic Affairs (VPAA). The student making such an appeal should submit it in writing to the office of the VPAA no later than two calendar weeks after receipt of the written decision from the Area Chair. Should the VPAA determine that the grievance warrants further consideration, the VPAA will schedule individual meetings with the student, the faculty member, the Area Chair, and the VPAA. Alternately, the VPAA may choose to hold a group meeting with all four parties present. In these meetings, the VPAA will ask all parties present to provide their perspectives on the matter and may ask questions of all parties for purposes of clarification. At the conclusion of these meetings, the VPAA will render a written decision regarding the appeal and distribute it to the student, the faculty member, and the Area Chair.

UNDERGRAD

Undergraduate Admission

For information about admission to Adult Degree Completion or graduate programs, refer to the academic program section for each program.

Undergraduate Admission

Freshman Class

Character, ability, preparation, and seriousness of purpose are qualities emphasized in considering applicants for membership into Milligan University. Early application is encouraged. Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provides the basis for admission to Milligan. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. College preparatory science
4. College preparatory history and/or social science
5. Two years of a single foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant must take the American College Test (ACT), the Scholastic Assessment Test (SAT-I), or the Classical Learning Test (CLT) and furnish the University with either of these scores. Freshmen applicants who are 21 years of age or older at the time of application are not required to submit ACT, SAT-I, or CLT results. Milligan adopted a test-optional admission evaluation option for 2020-2021 and 2021-2022 due to COVID implications and has continued this option for 2022-23. See https://admission.milligan.edu/test-optional-faq/ for details.

The admission procedure includes the following steps:

1. The student will obtain an application form, forms for requesting transcripts and references, and other literature from the Milligan University web site at www.milligan.edu.

2. The student will submit the completed application with a non-refundable application fee of $30.00 to the Office of Admissions at www.milligan.edu.

3. The Admissions Committee will review the application when the following credentials are on file: high school transcript, college transcripts (if applicable), and ACT, SAT-I, or CLT scores (if taken) and/or a writing sample. Interviews and supplemental material may be requested by the Admissions Committee.

4. The Office of Admissions will notify the applicant of the decision regarding admission and any relevant conditions. Admission is subject to the successful completion of high school (or completion of current college term). The student must provide final high school transcript showing proof of graduation (or final college transcript, if a transfer student).

5. Upon admission to the University, the student must submit an enrollment confirmation form and deposit. The enrollment deposit is non-refundable after May 1. Upon enrollment, the deposit will be applied to the student's account.

Home school

Home school students should follow the admissions procedure outlined above. If the student is under the supervision of a home school agency, etc., a transcript should be sent by the agency, etc. directly to the Office of Admissions. If the student is not under the supervision of a home school agency, etc., he/she may be asked to submit a portfolio of high school coursework. Home school students are asked to complete a certification form that certifies that their curriculum meets state statutes. Please contact the Office of Admissions for more information.

International Students

Milligan University is approved by the United States Department of Homeland Security for education of non-immigrant alien students.

Admission Process and Deadline

International Students must complete the standard application and admission process, plus provide proof of English Proficiency as outline below, and a passport copy. All admission materials must be received by June 1 for fall enrollment and December 1 for spring enrollment. An application is not considered complete until all required documents are on file.

Transcript Evaluation

All foreign transcripts (whether secondary or university level) must be evaluated by a NACES-approved Foreign Credential Evaluation service or InCred International Credential Evaluations. Milligan applicants are encouraged to use InCred for transcript evaluations, and international student-athletes are required to use InCred for NAIA eligibility. Students can begin the evaluation process with InCred online at www.incredevals.org. The evaluation must include a course-by-course level evaluation and include a conversion to the U.S 4.0 GPA scale. There are fees associated with this type of evaluation which are incurred by the student, not Milligan University. For the complete list of NACES member, see http://www.naces.org/members.html.

Proof of English Language Proficiency

International students whose native language is not English or do not hold a bachelor's degree completed in residency in the U.S. also must provide proof of the Test of English as a Foreign Language (TOEFL) score of at least 79; or International English Language Testing System (IELTS) score of at least 6.5; or ELS Master's Level Proficiency (successful completion of ELS Level 112).

Students who reside in Japan may elect to take the EIKEN Test in Practical English Proficiency, administered by STEP (Society for Testing English Proficiency). The EIKEN score must be at the Grade Pre-1 or Grade 1 level to demonstrate English proficiency at an acceptable level.

Undergraduate students who reside in the following countries should submit an ACT and/or SAT-1 score instead of a TOEFL or IELTS score: United Kingdom, Republic of Ireland, Canada, Australia, New Zealand, and other English-speaking countries.

Proof of Support

International students must provide an affidavit of support AND prepay all expenses for one semester. $500 of the prepayment is non-refundable. The affidavit of support is a form provided by Milligan that must be signed by a financial sponsor and be accompanied by current official bank or financial institution records that provide proof of readily available funds, equal to or greater than total costs for one semester of enrollment, which will vary by program. The Milligan Admissions Office will provide that information at the point of application.

Forms and Information

Visit www.milligan.edu/internationals for forms and information.

Standards of Academic and Professional Conduct

Milligan University may evaluate a person's behavior and background to determine their ability to maintain the standards of academic and professional conduct expected at the University. All students at Milligan are expected to uphold the expectations and responsibilities for student lifestyles of Milligan. Qualifying for admission does not guarantee admission.

Non-degree Seeking Students

Students who are not seeking a degree at Milligan University may be in one of the following categories:

1. Special students are those who are not admitted as degree-seeking students but who demonstrate the potential to successfully complete some college-level courses. Special students must submit to the Office of Admissions a completed special student application and an official transcript from the last institution attended. Special students are not eligible for institutional scholarships or state or federal financial aid. They may not participate in intercollegiate athletics. At the end of each semester, special students may apply for admission as degree-seeking students.

2. Visiting students are those who are seeking a degree at another institution or are not enrolled at any institution but wish to enroll in selected courses at Milligan. Visiting students must submit to the Office of Admissions a completed special student application and an official transcript from the last institution attended. After the evaluation of these documents, the applicant may be admitted as a visiting student. Visiting students are not eligible for institutional scholarships or state or federal financial aid. They may not participate in intercollegiate athletics.

Returning Students

A student who has withdrawn from Milligan University in good social and academic standing should complete an application for readmission and submit it to the Office of Admissions. An official transcript(s) of all college course work attempted since withdrawing from Milligan must also be submitted to the Office of Admissions. The Admissions Committee will consult representatives from the Student Financial Services and Student Development offices in making a decision regarding the student's readmission and will send the student a letter stating the decision.

A student who has been academically or socially dismissed may, after one semester, apply for readmission by observing the following procedure:

1. In addition to completing the application for readmission and submitting official transcripts, the student should submit a letter presenting justification for readmission.

2. The registrar will evaluate the student's original records and any course work completed since the suspension. The Director of Admissions will consult representatives from the Student Financial Services Office and review social dismissal with the Dean of Students.

3. If there is reason to believe that the student would profit from another opportunity to do college work, the University will allow the student to enroll with probationary status following at least one semester of suspension.

4. If it is necessary to suspend the student a second time, that student will not be eligible to apply for readmission.

Transfer Students

Transfer students are those who have completed 24 or more college credit hours after high school graduation at the time of application to Milligan University. Students who wish to transfer from an accredited college or university, who merit a letter of good standing, and who have a grade point average of at least 2.0 on a 4.0 scale will be considered for admission to Milligan. Such applicants should follow the procedure described above, except that ACT, SAT-I, or CLT scores and high school transcripts are not required. In addition, applicants must furnish the University with official transcripts of all previous college work.

Transfer applicants with fewer than 24 college semester hours earned at the time of application must also submit an official high school transcript and ACT, SAT-I, or CLT scores (if under 21 years of age).

Overall excellence of performance in previous college work and evidence of Christian commitment and academic potential provide the basis for admission of transfer students to Milligan.

A representative from the Registrar's Office evaluates transfer credits for all entering transfer students prior to the students' enrollment at Milligan. Students who do not request a transfer evaluation prior to two weeks before the beginning of the term receive a copy of the evaluation during new student orientation.

Transfer students with no ACT, SAT-I, or CLT scores and no college-level (non-developmental) math course with a grade of C- or above must take a math proficiency examination during new student orientation.

Milligan University participates in the Tennessee Transfer Pathways, whereby students completing associate degree programs in certain identified programs of study at Tennessee community colleges can transition seamlessly to Milligan as a junior. For more information about the Tennessee Transfer Pathways, visit www.tntransferpathway.org.

Students interested in attending Milligan University and utilizing the Tennessee Transfer Pathways or an articulation agreement are encouraged to visit http://admission.milligan.edu/articulation-agreements/ and contact the Transfer Admissions Counselor at Milligan.

For more information, see the catalog section titled "Transfer Credit Policy" under "Academic Policies."

Audits

Full-time Milligan University students wishing to audit classes may do so as part of their regular course load. The instructor reserves the right to withdraw the student from the class, in which case a grade of "W" (withdrawal) will be awarded.

Visiting students who wish to audit courses must submit to the Office of Admissions a completed special student application; registration follows approval of the application.

Any student wishing to audit a course must have permission of the instructor. No credit will be allowed for audited courses. The instructor will determine the course requirements, which may include attendance, reading, exams, and/or other assignments, and communicate the requirements to the student. Students who complete the course requirements will be awarded a grade of "AU." Students who fail to complete the requirements will be administratively withdrawn from the course and awarded a grade of "W" (withdrawal).

Ceremony of Matriculation

As a part of orientation, all new undergraduate students participate in the ceremony of matriculation. At the conclusion of a general assembly, the candidates sign the matriculation book and officially become members of the Milligan Community.

GED

Students who have earned a General Education Development certificate (GED) should follow the procedure outlined above for a freshman applicant. Official results of the GED examination should be sent to the Office of Admissions. An official high school transcript should also be submitted detailing course work that was completed prior to the earning of the GED.

The Admissions Committee may request an interview with the applicant. GED students are required to submit ACT, SAT-I, or CLT scores if they are under 21 years of age at the time of application. If the student has earned 24 college semester hours at the time of application, ACT, SAT-I, or CLT scores are not required, regardless of age (and official college transcripts should also be submitted).

Dual Enrollment

Homeschoolers, or high school juniors or seniors attending a public or private high school, can earn high school and college credit simultaneously by attending classes at Milligan. Dual enrollment students must submit to the Office of Admissions a completed special student application and an official high school transcript.

High school juniors or seniors who wish to enroll in COMP 111 and/or COMP 211 for dual enrollment credit must have a minimum ACT English sub-score of 24 (580 SAT Evidence-Based Reading and Writing or 55 CLT Verbal Reasoning + Grammar/Writing) or a passing score on the Milligan University writing placement exam.

High school juniors or seniors who wish to enroll in any college-level math course for dual enrollment credit must have a minimum ACT Math sub-score of 19 (490 SAT Math) or a passing score on the Milligan University math proficiency exam.

Undergraduate Financial Information

Milligan University is a private nonprofit institution. Tuition, fees, and other charges paid by the student represent only a part of the income necessary to fund the instructional and operating expenses of the University. Other sources of income include earnings from endowment funds and contributions by alumni, churches, businesses, foundations, and friends of Milligan University. The Student Financial Services Office assists families in making the necessary financial arrangements to attend Milligan University.

Tuition and other Basic Charges for Traditional Undergraduate Programs, 2022-23

	Per Semester
Tuition (12-18 hrs per semester)*	$17,975
Room (double room)	$1,900
Board	$1,975
Student Activity Fee*	$250
Technology Fee*	$375
Health Fee*	$175
Total	**$22,650**

*See "Explanation of Fees" section of the Catalog.

Other Tuition Charges

Traditional Day Students	
12-18 hrs (per semester)	$17,975
1-11 hrs (per hour)	$995
Over 18 hrs (per hour)	$995
Summer School and Intersession (per hour)	$395

Undergraduate enrollment status is defined as follows: full-time, at least 12 hours; three-quarter time, 9-11 hours; half-time, 6-8 hours; less than half-time, less than 6 hours.

Tuition for Degree Completion Programs, 2022-23

ADCP (Business Administration or Child & Youth Development major or RN to BSN degree program) (per hour)	$335
ADCP Information Systems – Mobile (per hour)	$335

Fees (Per Semester)

Lifetime academic records fee – all students (first semester only)	$75
Traditional Day Students with 6 hours or more	
Student Activity Fee	$250
Technology Fee	$375
Health Fee	$175
Traditional Day Students with less than 6 hours	
Student Activity Fee	$125
Technology Fee	$200
Health Fee (charged to all traditional day students)	$175
ADCP (Business Administration or Early Childhood Education major or RN to BSN degree program)	
Technology Fee (6 hrs or more)	$150
Technology Fee (Less than 6 hours)	$100
Information Systems – Mobile	
Technology Fee (6 hrs or more)	$150
Technology Fee (Less than 6 hrs)	$100

Room and Board Charges, 2022-23

(Room charges vary depending on dorm selection)

	Per Semester
Webb, Sutton (double)	$1,900
Hart (double)	$2,150
Kegley, Quillen, Williams (double)	$2,250
Student Apartment Suites (double, includes 75 block meal plan)	$2,925
Milligan Village (includes 75 block meal plan)	$3,575
*Single Room (when available)	$200 additional
**Air conditioner (when requested and approved for Webb/Sutton)	$100 additional
Board (meal plan) is required for residence hall occupants.	$1,975

Special Classes and Lab Fees

The following fees apply when a student is registered for the following courses:

	Per Semester
ART 237, 310, 437	$20
ART 400/BADM 495A/COMM 400/MUSC 400 (Fall 2022 trip; fee due by August 1)	$1,000
BADM 250	$100
BADM 470, 470B	$40
BIOL 200	$130
BIOL 371, 431	$135
BIOL 450	$60
BIOL 492	$75
CH 7000; CM 7000; CMA 7000; CMC 7000; CME 7000; CMF 7000; CMM 7000; CMP 7000; CMSF 7000; CMW 7000; NTS 7000; OTS 7000; TH 7000	$250
CH 7980; CMA 7980; CMC 7980; CME 7980; CMM 7980; CMP 7980; CMSF 7980; CMW 7980; NTS 7980; OTS 7980; TH 7980	$100
CM 8301, 8302	$250
CMC 7210, 7220, 7230, 7240 – $500 fee paid directly to medical facility	
CMC 8100, 8200	fee will vary
CMSF 5010, 7050	$50
COUN 610	$20
COUN 625	$125
COUN 630	$90
COUN 660	$30
EDUC 150, 150B, 152, 152B, 343, 406, 406B, 407, 407B, 408 409, 514, 520, 565, 576A, 576B	$10
EDUC 355, 355B, 356, 356B, 555, 577	$15
EDUC 440, 440B, 541	$20
EDUC 443, 443B, 443ELL, 443SE	$50
EDUC 451, 452, 452B, 453, 454, 455, 457, 458, 460, 551, 552, 560B	$150
EDUC 456, 553, 553ELL, 553SE	$15/hr
Science laboratory fee (excludes BIOL 200, 280, 352, 371, 431, 432, 450, 451, 452, 491, 492, 494, 499A; CHEM 311, 402, 405, 491, 494, 499A; GNSC 101, 131, 301, 350, 350B; PHYS 311, 351, 352, 354, 499A) (Laboratory science classes that are taught as seminar courses [course numbers are 195, 295, 395, or 495] may also have the $40 laboratory science fee.)	$40
EENG 201	$75
EENG 301	$200
EENG 431	$50
EENG 461, 471	$125
EENG 481	$150
EXSC 105	$38
EXSC 120A, B, C	$25
EXSC 153	$20
EXSC 158A, B, C and 159A, B, C	Fee for off-campus instruction
EXSC 164	$10
EXSC 181	$30
EXSC 302G	$10
EXSC 307	$45
EXSC 341	$50
EXSC 350 and 370	$10

EXSC 352	$50
FENG 101	$140
FILM 277, 377, 477	$30
HUMN 100 (Humanities Tour USA) plus fee for study tour	$125/hr
HUMN 200T (Humanities European Study Tour) plus fee for study tour	$125/hr
MENG 371, 372	$50
MENG 421	$125
MENG 432, 471	$100
MENG 481, 482	$200
MLGN 200, 200M	$45
MUSC 101 (piano), 102, 124, 125, 201, 211	$50
MUSC 143-144, 243-244	$25
(a maximum fee of $150 for any combination of the music courses listed above)	
MUSC—Applied Music fee (Applied fees will be refunded if the student drops the class within the first seven days of the semester. After this time, fees will not be refunded.)	$300/hr
NURS 202L	$55
NURS 210	$565
NURS 210C	$255
NURS 220	$450
NURS 220C	$115
NURS 301M (ADCP RN to BSN)	$150
NURS 310	$360
NURS 310C	$175
NURS 313C	$75
NURS 320	$360
NURS 320C	$150
NURS 323C	$75
NURS 410C	$125
NURS 460	$300
OT 530A/B/C/D	$75
OT 531	$220
OT 560	$335
OT 617	$15
OT 643	$165
PAS 511	$220
PAS 514	$90
PAS 522	$65
PAS 532	$265
PAS 542	$565
PAS 610, 620, 630, 640, 650, 660, 670, 680	$500
PAS 760	$195
SME 6150, 6160	$50
SME 6950	$500
SOWK 330	$90

Other Fees

Application fee for admission (non-refundable)	$30
Audit fee (undergraduate)	$30/hr
Change of course fee (after the first day of class)	$10
Late registration fee	$100
Re-enrollment fee	$250
Replacement ID fee	$25
Lifetime academic records fee (new degree-seeking students)	$75
Lifetime academic records fee (new non-degree-seeking students)	$20
Dual enrollment*, Rising high school juniors & seniors	$500/per class
Off Campus Studies Fee	$500

* Rising high school juniors and seniors will be charged $500 per class for a maximum of ten classes; all classes after that will be assessed the traditional undergraduate tuition rate, and students will be identified as non-degree seeking. All applicable course fees apply. Apply for Tennessee Dual Enrollment Grant at www.tn.gov/collegepays.

The University reserves the right, beginning any semester or session, to change the charges for tuition, fees, room, and board without written notice.

Explanation of Fees

Student Activity Fee

The student activity fee is used to provide students with access to the wellness center and to fund 100% of the Student Government Association (SGA) budget. These funds are distributed to approximately 20 different committees and organizations. These SGA committees provide a wide variety of activities and services to students throughout the year, including spiritual activities, concerts, social events, campus radio station, literary publications, and more. In addition, this fee covers the cost of production of the student newspaper, *The Stampede.*

Technology Fee

The technology fee is used to support an extensive campus-wide computer network consisting of fiber optic cabling, software, unlimited Internet availability, WiFi coverage in all residence halls and academic buildings, internet access from each residence hall room and several on-campus fully equipped student computer labs.

There are 5 open computer locations available to all students: Derthick Public Lab (3rd Floor), Derthick Teaching Lab (3rd Floor), Paxson Communication Center 101, P.H. Welshimer Library, and Emmanuel Christian Seminary at Milligan Library. Computer lab software includes the Microsoft Office suite (Word, Excel, Access, and PowerPoint) and various other programs for use with specific classes. The computer labs are equipped with printers and there is also a print kiosk for student printing on Derthick 2nd Floor.

The technology fee is also used to provide students with the following services and products: a student ID (allows students to borrow items from the library, access to their meal plan, and scan for SFP credits); access to Microsoft 365; a Google student account; Gmail and unlimited storage on Google Drive; Canvas learning management system, online access to grades and payment information; access to the RAVE emergency communications system; access to Library digital resources on and off campus; access to a Helpdesk system for technology support; and walk up helpdesk support during regular IT office hours.

Lifetime Academic Records Fee

All new students, graduate and undergraduate, will be charged a one-time fee for academic records. The amount of the fee is based on whether or not students are degree-seeking.

Health Fee

All full-time and part-time traditional students will be charged a health fee, which supports health clinic services and counseling services.

Financial Registration Policy

Students must make provision for the payment of applicable charges for tuition, fees, room, and board before classes begin. **A student's registration for classes is an obligation and commitment to pay for all related charges**. Students must settle their account each semester to be permitted to register for the following semester.

Advanced financial planning by the student is imperative. The University mails a statement of the student's account, and statements are available to view in the student portal, Self-Service, before each semester to assist students in this matter. **It is the student's responsibility to make payment arrangements with the Student Accounts Office.**

Registered students who have not completed the financial aid process and paid the remaining balance due on the student account or enrolled in the tuition payment plan will be dropped from courses at 5:00 pm on the Wednesday before classes begin.

A $250 re-enrollment fee will be assessed to all students whose courses are dropped and who must re-register for classes. All financial issues will have to

be addressed satisfactorily before a student will be able to re-register for classes.

Meal Plan

Milligan University offers an unlimited access continuous service meal plan Monday through Friday, from 7 a.m. to 7 p.m. with late night service in the grill. Complete meal programs are offered at traditional mealtimes, and, when the full program is not offered, beverages, cereals, deli, pizza, soup, salad, fruits, desserts, and breads are available. The dining hall becomes another community-oriented space where students can visit, study, or grab a bite with friends at their convenience.

Serving hours may be adjusted from time to time to accommodate an occasional campus event; proper notice will be given to all students of any adjustments. On weekends, meals are served as follows:

Saturday:
Brunch: 10:30 a.m. – 1:00 p.m.

Dinner: 6:00 – 7:00 p.m.

Sunday:
Continental breakfast: 8:00 – 9:00 a.m.
Lunch: 11:45 a.m. – 1:45 p.m.
Dinner: 6:00 – 7:00 p.m.

Transfer Meal Option

Students can use their meal plan at the grill. The transfer meal option allows 30 meals per semester to be taken at the grill rather than at the cafeteria. Menu selection is all-inclusive (grill entreé, side item, dessert or fruit, and drink). This feature enhances the food service by offering more flexibility to the campus population at no extra charge and is automatically included in the meal plan.

Campus Grill Discounts

The Snack Bar Plus (SBP) account is an option that provides a $50 credit at the grill for an additional charge of $40 to your meal plan. This 20% bonus credit is only available to accounts purchased prior to the first day of class each semester.

This added flexibility allows students to grab a quick snack or meal at their convenience with the ease of a prepaid card. Additionally, if students need to add to their credit lines, they may do so at any time after classes start in the cafeteria or the grill. SBP accounts can be purchased in increments of $25, entitling a student to a 10% bonus credit. Commuters not on a campus meal plan may also purchase an SBP account to be used for meal purchases in either the grill or cafeteria.

Payment

General Information

Tuition, fees, and all other costs for the semester are due and payable on the Wednesday before classes begin. Tuition, fees, and all other costs for summer school and intersession are due and payable before the first day of each term. Students enrolling in summer school and intersession must make specific payment arrangements with Student Financial Services before the first day of class. Students may cancel their registration without penalty before the first day of class. Students who do not cancel and who do not attend will be charged 10% of tuition.

Students receiving financial aid must pay the difference between the total cost for the semester and the financial aid commitment (excluding work-study) on the Wednesday before classes begin. Enrollment in the Milligan University Tuition Payment Plan for the balance due on your account after financial aid will meet this requirement.

All financial aid processes and payment of remaining balance must be completedon the Wednesday before classes begin. Financial aid processes include completion of the following steps:

- Online entrance counseling for loans
- Online completion of MPN's (Master Promissory Note)
- Financial Aid Offers signed and returned to Student Financial Services Office (SFS) or accepted online via Net Partner
- All documentation required for verification returned to the SFS
- Parents should complete the application for PLUS loan and receive such approval before the first day of class
- Students who intend to cover a portion of the balance with an alternative loan must submit a pre-approval for the loan by the Wednesday before the first day of class
- Notification to SFS of payment from other sources such as a prepaid tuition plan or VA benefits

This is not an exhaustive list of steps to complete; check with SFS to ensure you have completed all required steps.

A semester grade report, transcript, and/or diploma will not be issued to a student whose account is not settled by the end of a semester or term. In addition, a transcript will not be issued to individuals in default on their Federal Perkins Loans.

If a period of 90 days passes without any activity on an account with an unpaid balance, the University may refer the account to a collection agency. The student will be responsible for any attorney fees and/or costs associated with the collection of the unpaid balance. A delinquent account is also reported to major credit bureaus.

Monthly Tuition Payment Plan

Milligan University is pleased to offer a special payment plan for students who desire to pay educational expenses in monthly installments. This is an interest-free payment plan.

The Payment Plan permits families to spread their payments over a period of 9, 10 or 11 months, with the last payment due near the end of the spring semester. The current cost of the plan is $75 per year. All students receive information about this plan with their billing statement prior to the beginning of each semester. Information is available at www.milligan.edu/sfs and through the Milligan University Student Financial Services Office.

MBA students can enroll in a payment plan for the duration of their program. The cost to enroll in the Payment Plan is $85.

Additionally, students on the Payment Plan are fully expected to maintain monthly payments as agreed. A $25 late payment fee will be charged to accounts for delinquent payments the day after payment is due. (No grace period). The University reserves the right to require immediate payment in full for any student who fails to maintain their Payment Plan schedule. If payment is not made as required by the University, the student is subject to immediate dismissal. Students who fail to make regular payments during one academic year will not be eligible to re-enroll the following year.

The Payment Plan is designed for the convenience of students and their parents. The university encourages students to set up their own plans directly through Self Service. Instructions and an enrollment link are found on the website at www.milligan.edu/sfs/undergraduate. Scroll down to "Payment plan 2". (Please note that you must have a Milligan network login and password to use Self Service).

All payment plan enrollments must be completed by 5pm on the Wednesday before classes begin.

Tuition Reimbursement

If you are receiving tuition reimbursement from your employer, we will be glad to work with you in developing a payment arrangement for the semester. You must present a letter from your employer stating the company's reimbursement policy and your eligibility for reimbursement. Contact the Student Financial Services Office for more details.

Forms of Payment

Students may pay their student account using cash, money orders, personal checks, certified checks, Visa, MasterCard, American Express, and Discover. The most convenient way to make a payment is to use the online payment feature on our website by going to your Self Service Account and on the financial tab, selecting "Make a Payment."

All payments made by credit and debit card will be assessed a convenience fee.

Online Check-In

Online check-in must be completed prior to the first day of class each semester. The check-in portal typically opens 3-4 weeks prior to the start of each semester. Check in can be completed at https://portal.milligan.edu/**.**

Refund Policy

Refund in the Event of Withdrawal from the University

The University operates on an annual budget that necessitates advance planning and financial commitments to teaching staff and others whose services are essential to its operations. For this reason, no refunds are granted to those persons who are dismissed from the University for academic performance or disciplinary reasons.

The official date of withdrawal used to compute refunds is the date on which the student begins the official withdrawal process in the Office of Student Success.

Tuition, Room and Board Refund Schedule for Fall and Spring Semesters

Tuition, room and board refunds are calculated on the following schedule:

Prior to first calendar day of the semester.....100%
During first seven calendar days of the semester 90%
During the 8th through the 14th calendar day of the semester.....75%
During the 15th through the 30th calendar day of the semester....50%
No refunds after the 30th calendar day of the semester
or for unofficial withdrawals.....0%

An exception is made for illness, in which case the 50% refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

Refund Policy for Nontraditional Schedules				
% of refund	J-term	May Term	Four-week summersessi ons	Eight-week summer sessions
	Days	Days	Days	Days
90%	1	1	1	1 – 3
75%	-	2	2 - 3	4 – 6
50%	2	3-4	4 – 5	7 – 12
0%	3+	5+	6+	13+

Refund Schedule for Fees

Unless a student withdraws during the first seven calendar days of the semester, fees are not refundable. Nursing fees are nonrefundable after classes begin.

Institutional Scholarship Proration Schedule

Institutional scholarships are those scholarships granted by Milligan University. If a student withdraws during the first 30 calendar days of the semester, the institution scholarships will be calculated using the following schedule:

Prior to first calendar day of the semester.....0%
During first seven calendar days of the semester 10%
During the 8th through the 14th calendar day of the semester.....25%
During the 15th through the 30th calendar day of the semester....50%
After the 30th calendar day of the semester.....100%

Refund in the Event of Withdrawal from Class

The schedule of refunds for withdrawal from a class is different from above. Because the University charges the same tuition for 12-18 hours, there is no refund for withdrawing from a class if the total hours, before and after withdrawal, are within the 12-18 credit hour range. Students withdrawing from a course or courses outside the 12-18 hour range will be granted refunds based on the following schedule:

Prior to first calendar day of the semester.....100%
During first seven calendar days of the semester 90%
During the 8th through 14th calendar days of the semester.....75%
During the 15th through the 30th calendar day of the semester....50%
No refunds after the thirtieth calendar day of the semester.....0%

Return of Title IV Funds (Federal Financial Aid)

In addition to the overall institutional refund policy requirements, the University is required to follow the regulations mandated by the Department of Education for any student who receives Title IV Federal Aid. The Return of Title IV Fund calculations are required when a student withdraws, either officially or unofficially. Software provided by the Department of Education will be used to complete these calculations. Steps in the Calculation for the Return of Title IV Funds:

Step 1: Collect information about student's Title IV Aid
Step 2: Calculate percentage of Title IV Aid earned by the student
Step 3: Calculate amount of Title IV Aid earned by the student
Step 4: Determine if the student is due post-withdrawal disbursement or if Title IV Aid must be returned
Step 5: Calculate amount of unearned Title IV Aid due from the school
Step 6: Determine return of funds by school
Step 7: Determine the return of funds by student

Any federal funds that must be returned to federal programs as a result of the Return of Title IV calculations must be redistributed in the following order:

1. Unsubsidized Direct Stafford Loan
2. Subsidized Direct Stafford Loan
3. Direct PLUS (Parent)
4. Pell Grant
5. FSEOG
6. TEACH Grant

Federal work-study wages will not be considered returnable.

Please note: Students may owe money to the University as a result of the return of Title IV calculation and the subsequent return of federal financial aid funds.

The Student Financial Services Office is notified by the Registrar's Office of all withdrawals from the University. The director of financial aid will, within 45 days of the withdrawal date, complete the calculation and determine the result. The student will be notified of the refund calculation results by letter and/or by receiving a revised copy of their student account statement.

Unofficial withdrawals (students who leave without going through the withdrawal process) will also have the Return of Title IV Funds calculation performed no later than 30 days following the end of the semester and will receive notification if the student then owes money back to the University. For more specific information regarding the Return of Title IV Funds calculations, contact the Student Financial Services Office.

Return of Veteran's Education and Department of Defense Funds

Funds provided by the Departments of Defense and Veterans Administration will be earned on a pro-rata basis through the 60% point in the enrollment period with unearned funds returned based upon when a student stops attending. After a student has completed 60% of the enrollment period, then he or she has earned 100% of the funds provided under the TA program. If a Service member is called to active duty during the semester, the university will do its best to protect the financial interests of the student. For official withdrawals, the return of Title IV funds and other federal funds received, calculations are performed within 45 days of a student's withdrawal from the university; for unofficial withdrawals, the calculations are performed within 30 days following the end of the semester.

8 Week Course

Before of during week 1	100% return
During week 2	75% return
During weeks 3-4	50% return
During week 5	40 % return (60% of course is completed)
During weeks 6-8	0% return

15 and 16 Week Courses

Before or during weeks 1-2	100% return
During weeks 3-4	75% return
During weeks 5-6	60% return
During weeks 7-8	50 % return
During week 9	40 % return (60% of course is completed)
During weeks 10 through last day	0% return

17 Week Course

Before or during weeks 1-2	100% return
During weeks 3-4	75% return
During weeks 5-6	60% return
During weeks 7-9	50 % return
During week 10	40 % return (60% of course is completed)
During weeks 11-17	0% return

20 Week Course

Before or during weeks 1-2	100% return
During weeks 3-4	80% return
During weeks 5-7	70% return
During weeks 8-10	50 % return
During weeks 11-12	40 % return (60% of course is completed)
During weeks 13-20	0% return

Refund of Credit Balances

When a credit on a student account results from overpayment or from federal and state financial aid that exceeds direct charges, a refund will be issued to the student from the Student Financial Services Office. Student refunds will only be issued for amounts up to the actual credit balance on the student account. No refund will be authorized or issued in anticipation of financial aid that will be ultimately posted to the student account. No refunds will be made before the official drop/add period for a particular semester or session. In cases involving federal financial aid, federal guidelines will prevail. Student refund checks are automatically mailed weekly to the student's local address.

In addition, institutional scholarships and grant awards may not exceed student account charges; under no circumstances will a student receive a credit balance refund for institutional scholarships or grants.

Students may be required to pay back refunds if one of the following occurs:

- A change in enrollment status
- The receipt of outside financial aid assistance

Students withdrawing from school who have received federal financial aid and/or institutional scholarships will have their account adjusted using the appropriate refund schedule which could result in payments due back to the uninversity.

Textbooks

Textbooks may be purchased at the Milligan University Bookstore. The Bookstore accepts checks, cash, money orders, Visa, Discover, American Express, and MasterCard. The cost of textbooks generally ranges from $500 to $700 per semester, depending upon the major. Student Financial Services offers a program that allows students to charge their textbooks directly to their student account using the Textbook Voucher Option. Students MUST use financial aid in excess of charges to cover books or elect to pay an additional amount to cover books. Please contact the Milligan University Bookstore or Student Financial Services Office for details.

Financial Aid

Financing a college education is one of the major concerns for students and parents. The Student Financial Services Office at Milligan University assists families in completing the necessary steps to apply for financial aid. Financial assistance is available to eligible students in the form of federal, state, and institutional aid. Milligan offers scholarships, grants, loans, and work-study programs.

Any student accepted for admission to Milligan University is eligible to request financial assistance. The types of federal, state, and institutional aid available and how to apply are discussed over the next few pages.

General Requirements for Title IV Financial Aid

- Complete the Free Application for Federal Student Aid (FAFSA).
- Apply for admission to Milligan University.
- Be accepted and classified as a degree-seeking student.
- Be enrolled at least half-time (six hours per semester for undergraduate students); Federal Pell Grant recipients may remain Pell eligible if enrolled less than half-time. (Note: enrollment status for determining Title IV aid eligibility only includes courses required for a student's program of study. For more information about the Course Program of Study (CPoS) requirement, visit milligan.edu/sfs/faq.)
- Demonstrate satisfactory academic progress based on the University's Title IV Federal Financial Aid Satisfactory Academic Progress Policy.

First-time Pell Grant recipients, on or after July 1, 2008, may be eligible to receive Pell Grants for up to the equivalent of twelve semesters. Title IV Federal Aid (excluding Federal Work-Study) will generally be disbursed and credited to the student account as follows:

50% Fall Semester 50% Spring Semester

Earnings from the Federal Work-Study and Milligan University Work-Study programs are paid directly to the student on a semi-monthly basis and will not be credited to the student's account unless written authorization from the student is provided.

Definition of Terms

Grants
Financial assistance that does not have to be repaid. Eligibility is determined by the student's financial need.

Loans
Government-subsidized and unsubsidized loans to be repaid with interest after the student leaves school.

Scholarships
Financial awards funded by the University for full-time undergraduate students.

Employment
On-campus jobs give students an opportunity to earn money while in college. The maximum amount a student may earn (award amount) depends on financial need and the amount of funding the University has for the program. The Student Financial Services Office determines monetary awards. The Payroll and Student Employment Coordinator assigns positions. Wages are paid semi-monthly based on hours worked.

Census Date
The Registrar develops academic calendars for the academic programs. The census date is the 14th calendar day of the fall and spring semesters; census date for summer and interterms is prorated based on the procedure used for the fall and spring semesters.

Additional definitions of commonly used financial aid terms can be found at milligan.edu/sfs/financial-aid-glossary.

Milligan University Programs

Available Assistance	Award Criteria	Amounts Available
Jeanes Honors Scholarships	Milligan's most prestigious merit-based scholarships. To be eligible for these scholarships, applicants must be admitted to the University by December 1. Late applicants will be considered if funds are still available.	Full tuition.
Academic Scholarships	Awards are based on the applicant's ACT/SAT and high school grade point average or previous college GPA (transfer applicants).	Award amounts range from $5,250 to $16,500 annually.
Milligan Grants	Need-based and determined primarily from financial need. Awards made on the basis of criteria established by the administration.	Award amounts vary.
Fine Arts Scholarships	Based on the applicant's ability in theatre, photography, or art and the discretion of the respective faculty representative.	Award amounts vary.
Music Scholarship	Based on the applicant's ability in music and the discretion of the respective faculty representative.	Award amounts vary.
Graphic Design	Awards based on academic achievements and study in the field of graphic design.	Up to $2,000 annually.
Ministry Leadership	Awards based on academic achievements and study in the field of Ministry Leadership.	Award amounts vary.
Area Outstanding Student Scholarships	Upperclassmen in each academic area. Based on student's overall GPA and individual promise in designated major.	Award amounts vary. These are one-year awards.
Athletic Scholarships	Minimum requirements: Accepted for admission and selected by coach. Scholarships available baseball, basketball, bowling, cheerleading, dance, cycling, cross country, Esports, flag football, golf, soccer, softball, swimming, tennis, track and field, triathlon, and volleyball.	Award amounts vary based on the sport and the student's athletic ability.
Activity Scholarships	Drumline, Fly Fishing, Disc Golf, and Debate	Award amounts vary based on the activity.
Betty Goah Diversity Scholarship	Must be U.S. citizen or permanent U.S. resident. Must have a 3.0 overall GPA or a minimum 21 ACT (1060 SAT). Must file FAFSA annually. Restrictions may apply to off campus study.	Scholarship provides tuition-remission for new students. Students are responsible for paying for room, board, fees, and books.
National Bible Bowl Tournament Scholarship	Any member of the first through fourth place Bible Bowl Team at the National Bible Bowl Tournament. Also awards to the top 10 scorers on the Individual Achievement Test. Must maintain 2.5 GPA.	Award amounts vary.
Milligan Work-Study Employment	Undergraduate students enrolled at Milligan who desire work and meet eligibility requirements.	From $1,190 to $2,380 annually.
Tuition Exchange Scholarships through CCCU, Tuition Exchange Inc., or the Christian Churches and Churches of Christ (participating institutions)	Parent or Guardian must be a full-time employee of an eligible institution. A limited number of students are selected each semester, that number to be determined on a semester-by-semester basis by Milligan University. Must maintain a 2.0 GPA. Please see individual program guidelines and contact the Director of Scholarships for additional eligibility requirements and restrictions, which may vary by program.	Scholarship provides tuition remission for students. Students are responsible for paying for room, board, fees, and books.

Title IV Federal Financial Aid Satisfactory Academic Progress Policy (SAP)

Students must demonstrate their ability to perform satisfactorily both by grade point average (qualitative) and by hours attempted/completed (quantitative). Milligan University will use the following standards to determine satisfactory progress of all students in relation to Title IV funding. Grade point average (GPA) and hours attempted and completed will be reviewed at the end of each semester. It is our policy not to recalculate SAP as a result of grade changes that may occur between formal SAP evaluations.

Qualitative Standards

Satisfactory cumulative Milligan GPA's for students are as follows: (Includes remedial courses)

Undergraduates

All Undergraduate Students:	Must maintain 2.0

Graduates

MEd, MSOT, MBA, MACSM, MSC, MAR, MAH, MSIS, MSPAS, EdD, EdS, and D.Min:	Must maintain 3.0
*MDiv, and MACM:	Must maintain 2.5

*For MDiv students enrolled in a concentration, a 3.5 GPA is required after 30 hours. Entering MDiv and MACM students must achieve an overall GPA of 2.25, and entering MAR students must achieve an overall GPA of 2.5 by the end of their second semester of enrollment. A student who has not formally chosen a degree program will be held to the MDiv requirement.

Quantitative Standards

Measurement of the student's pace of progression toward degree completion.
(Includes remedial courses)

Both Undergraduate and Graduate students must satisfactorily complete 67% of all attempted hours which appear on their Milligan University academic transcript including incompletes, transfer credits, and withdrawals after drop/add period. Repeat courses to raise a passing grade do not count toward satisfactory progress for the semester that the course is repeated. Courses repeated to raise an F count toward satisfactory progress for the semester that the course is repeated.

A student must complete his or her educational program within a timeframe no longer than 150% of the published length of the education program, as measured by credits attempted including transfer credits. This policy is applicable to both undergraduate and graduate students. For example, an undergraduate student must complete his or her program after attempting 192 credits for a 128-credit hour program. A student is ineligible when it becomes mathematically impossible for them to complete the program within 150% of its length, not at the point they actually reach the maximum timeframe.

Students will be placed on financial aid warning and will receive a warning letter at the end of the semester if their cumulative GPA and/or total hours completed do not meet the quantitative or qualitative standards and will continue to receive federal financial aid for the following semester. The warning letter will indicate that the student must be making satisfactory academic progress at the end of the following semester in order to continue to receive federal financial aid.

If at the end of the warning period, Qualitative or Quantitative standards are not met, all federal financial aid eligibility will be lost.

Students who have lost federal financial aid eligibility will be mailed a letter informing them that they have lost federal financial aid for the next semester which includes the information for appeals regarding this decision.

Appeals

Should extenuating circumstances prevent the student from making satisfactory academic progress, an appeal can be submitted, in writing, to the Student Financial Services Office.

Some examples of acceptable reasons are as follows:

1. Serious illness or accident, preventing the student from attending a significant number of classes.
2. Death or serious illness in the student's immediate family, preventing attendance of a significant number of classes.
3. Change of major where credits were not transferable.

Appeals must be submitted within 30 days after the student receives notification that they are no longer eligible to receive federal financial aid. The appeal must include why the student failed to make satisfactory academic progress and what has specifically changed that will allow the student to make satisfactory academic progress at the end of the following semester. If the appeal is approved the student will be placed on Financial Aid Probation and eligibility for financial aid will be reinstated for one semester. If it is determined while reviewing the appeal, that a student will require more than one semester to meet satisfactory academic progress standards, then the student will be placed on Financial Aid Probation and the student will be required to follow an Academic Plan developed by the Director of Student Success. Eligibility will be reviewed at the end of the probationary semester to determine if the student is making satisfactory academic progress or is successfully following the established Academic Plan.

A student who has lost federal financial aid eligibility can regain eligibility by completing a semester in which qualitative and quantitative satisfactory academic progress is achieved.

Any student who has been academically dismissed will be granted one probationary period where they can receive Title IV aid. Should a student be dismissed again for academic reasons, the student will have to demonstrate satisfactory progress for a semester, upon subsequent readmission, before receiving financial aid.

Students may enroll during summer sessions to attain satisfactory progress. It is the student's responsibility to see that the Student Financial Services Office is aware of changes.

Scholarship Guidelines, Milligan University

Each of the honors scholarship recipients must comply with the following guidelines:

- Be a good citizen on campus
- Represent the school in a dignified and respectable manner
- Comply with all moral and lifestyle expectations as set forth in the Student Handbook

Minimum Requirements to Retain Jeanes Honors Scholarship

- Maintain a cumulative grade point average of 3.6 by the end of the freshman year and a cumulative grade point average of 3.75 each year thereafter
- Be a full-time student at Milligan and live in campus housing
- Provide 10 hours per week in tutorial service beginning with the sophomore year. The Director of Student Success will work with you in determing tutoring schedules each semester.

Minimum Requirements to Retain Academic Scholarships (Presidential, Academic Dean, Alumni, Transfer)

- Maintain a cumulative grade point average of 2.0 by the end of the second semester of enrollment, 2.5 by the end of the fourth semester, and each semester thereafter
- Be a full-time student at Milligan

Minimum Requirements to Retain Music and Fine Arts Scholarships (renewal for up to four years)

- Be a full-time student at Milligan
- Maintain a cumulative grade point average of 2.0
- Enthusiastically participate in the activities of the academic area of the award, as stipulated in scholarship contract

Minimum Requirements to Retain Robert. C. Hart Engineering Scholarship, Graphic Design, and Ministry Leadership Scholarships

- Be a full-time student at Milligan
- Maintain cumulative grade point average of 2.0 by the end of the second semester of enrollment, 2.5 by the end of the fourth semester, and each semester thereafter.

Minimum Requirements to Retain Athletic Scholarships

- Remain academically eligible for intercollegiate athletics and make normal progress towards a degree as a full-time student at Milligan
- Comply with the following regulations, which include:
  1. Apply for any possible federal and state aid
  2. Respect the directions of the coaching staff and university officials
  3. Enthusiastically participate in the intercollegiate sport in which the scholarship award is made, as stipulated in scholarship contract.

Minimum Requirements to Retain Goah Diversity Scholarship

- Maintain a minimum 2.0 college GPA by the completion of the second semester; 2.5 by the completion of the fourth semester of enrollment and thereafter
- Be a full-time student at Milligan and live in campus housing
- Participate fully in the Goah Diversity Scholars Program
- Make satisfactory academic progress toward completion of a degree

Scholarship/Grant Policies, Milligan University

- All academic scholarships and grants provided by Milligan University are available to full-time undergraduate students at Milligan only.
- All academic scholarships and grants provided by Milligan Universisty are renewable for up to eight semesters as long as the recipient continues to meet the criteria for the scholarship/grant. Participation in January term, May term, and summer term are not covered by academic scholarships and grants, including tuition exchange scholarships. Students who continue their education beyond eight semesters will not be eligible for those scholarships. Any exceptions must be made by petitioning the Appeal Committee before completion of the eight semesters. Appeals should include the reason for the additional semester(s) and the number of required hours remaining to complete degree requirements.
- Scholarship recipients who leave Milligan University or begin attending on a part-time basis for more than two consecutive semesters must reapply for scholarships and will be treated as a new student.
- Institutional scholarships and grants awarded by the University may not exceed Milligan student account charges; under no circumstances will a student receive a credit balance refund for institutional scholarships or grants.
- The Jeanes Honors Scholarship, Betty Goah Diversity Scholarship, Tuition Exchange Scholarship, and Personnel Grant award amounts are subject to reduction if total aid, including outside aid, exceeds tuition, fees, room and board for residents, and an annually determined book allowance.
- Scholarship recipients who have failed to meet the minimum grade point average requirements and consequently lose area or academic scholarships may have their scholarship reinstated if the required minimum grade point average is achieved the following semester. The scholarship will then be reinstated for the next semester. However, it is the responsibility of the student to notify the Student Financial Services Office so that the grade point average can be verified with the Registrar's Office and, if appropriate, reinstate the scholarship.
- Personnel grant awards, available only to employees and their eligible family members, are provided during the fall and spring semesters only. Any exceptions must be made by petitioning the Academic Dean for approval. Recipients must maintain a 2.0 GPA. Further guidelines related to this award are found in the faculty and staff handbooks.

Appeals Process for Renewal of College Study Grant or Founders Scholarship

- A student who is receiving awards from the appeal process may be considered for renewal in future years by re-applying.
- The Appeals Committee will review each student's need (from the FAFSA results) and/or academic performance and make a decision as to whether or not to reinstate the award for another year.

Policy of Transfer Credits Counting toward Cumulative GPA

Students entering Milligan University will not have transfer grades applied to their cumulative GPA. Therefore, for scholarship purposes, grades for transfer work (including summer courses taken at other institutions) will not count toward the cumulative GPA. Students who wish to improve their cumulative GPA over the summer in order to have scholarships reinstated must take summer classes at Milligan University.

Tennessee Education Lottery Scholarship Programs

Tennessee HOPE Scholarship	Tennessee resident one year prior to application deadline and U.S. citizen or eligible non-citizen. Must be enrolled in at least 6 hours in a TN eligible postsecondary institution within 16 months of graduation from an eligible high school, homeschool, or GED program. Minimum 21 ACT or 1060 SAT on a national or state test date ***or*** 3.0 final GPA for entering freshmen. GED/HiSet students must have the qualifying GED score of 170/HiSet score of 15 and the minimum ACT/SAT test scores stated above. Homeschool students must have the minimum ACT/SAT test scores stated above or earn a cumulative 3.0 GPA by completing two dual enrollment courses at an eligible postsecondary institution. Renewal criteria:Minimum 2.75 cumulative GPA after 24 and 48 attempted hours. At 72, 96 and 120 attempted hours, students must maintain at least a 3.0 cumulative GPA ***or*** if the cumulative GPA is between 2.75-2.99 and semester GPA of 3.0, then the student must be enrolled full-time for each semester except for summer and will have their eligibility checked at the end of each semester of continuous enrollment. Students must maintain satisfactory academic progress AND continuous enrollment at an eligible Tennessee postsecondary institution. Awards to part-time students are prorated.	**For entering freshmen enrolled full-time at an eligible four-year school beginning in Fall 2022;** up to $2,250 per semester (fall, spring, summer) for the Freshman and Sophomore years and up to $2,850 per semester (fall, spring, summer) in the Junior and Senior years.
General Assembly Merit Scholarship	Must be HOPE eligible. Must graduate from a TN public school or category 1,2 or 3 private school. Minimum weighted 3.75 GPA and 29 ACT or minimum 1330 SAT. Home school students must have the minimum ACT/SAT scores stated above AND complete one of the following: (1) Complete 12 college credit hours (at least 4 courses, excluding P.E.) with a minimum cumulative 3.0 GPA at a Tennessee college or university while they are enrolled in a home school program; (2) Participate in a Governor's school program and achieve a minimum cumulative gpa of 3.0; (3) Take two Advanced Placement (AP) exams and make a score of 3.0; or (4) Take one College Level Examination Program (CLEP) and make a score of at least 55. Renewal criteria: Same as Tennessee HOPE Scholarship. Awards to part-time students are prorated. NOTE: Students may receive either General Assembly Merit Scholarship (GAMS) or Aspire Award, but not both.	**For entering freshmen:** Up to $500 per semester (fall, spring, summer) supplement to the HOPE scholarship.
Aspire Award	Must meet HOPE Scholarship requirements and parents' or independent student's and spouse's adjusted gross income must be $36,000 or less on the IRS tax form. Renewal criteria: Same as Tennessee HOPE Scholarship. Awards to part-time students are prorated. NOTE: Students may receive either Aspire Award or GAMS, but not both.	**For entering freshmen beginning with fall 2015 and thereafter at a four-year school:** Up to $750 per semester (fall, spring, summer) supplement to the HOPE scholarship.
Tennessee HOPE Access Grant	Tennessee resident for 1 year prior to application deadline and U.S. citizen or eligible non-citizen. Must be admitted to and enrolled in at least 6 hours in a HOPE-eligible postsecondary institution within 16 months of graduation from an eligible high school. Minimum weighted 2.75 – 2.99 final GPA and 18- 20 ACT or 960-1050 SAT. Parents' or independent student's and spouse's adjusted gross income of $36,000 or less. Must remain continuously enrolled. The HOPE Access Grant is nonrenewable after 24 attempted hours . May be eligible for Tennessee HOPE Scholarship in the second year by meeting HOPE Scholarship renewal criteria. Awards to part-time students are prorated. Terminating events are same as Hope Scholarship.	**This program is no longer accepting new applicants. For returning students in fall 2022:** Up to $1,500 per semester (fall, spring, summer).
Tennessee HOPE Scholarship for Nontraditional Students	Tennessee resident one year prior to application deadline and U.S. citizen or eligible non-citizen. Be an independent student as determined on FAFSA and enroll in baccalaureate degree program at an eligible postsecondary institution or enroll in baccalaureate degree program on or after August 1, 2018 while maintaining continuous enrollment following the completion of an associate's degree. Student's (and spouse's) adjusted gross income must be $36,000 or less. Students must have a minimum gpa of 2.75 after attempting 12 hours at a Hope-eligilble institution. Renewal criteria: Same as HOPE scholarship beginning with 12 attempted hours AND $36,000 or less adjusted gross income on IRS tax form. Must be continuously enrolled and maintain satisfactory academic progress. Ineligible for the Aspire Award and GAMS.	**For entering freshmen enrolled full-time at an eligible four-year school beginning in Fall 2015;** up to $2,250 per semester (fall, spring, summer) for the Freshman and Sophomore years. Up to $2,850 per semester (fall, spring, summer) in the Junior and Senior years.

Application Process for the Tennessee Education Lottery Scholarship Programs

Complete Free Application for Federal Student Aid (FAFSA) after October 1, 2021 at www.studentaid.gov for 2022-23 and after October 1, 2022 for 2023-24. Early application is recommended. To renew award, complete renewal FAFSA.

*For additional or the most current information specific to the Tennessee Education Lottery Scholarship Program(s), contact Tennessee Student Assistance Corporation at 800.342.1663 or www.TN.gov/CollegePays OR contact the Milligan University Student Financial Services Office at 800.447.4880.

*For additional information specific to the renewal criteria and/or the appeal process, particularly due to loss of the Tennessee Education Lottery Scholarship(s), contact the Student Financial Services Office at 800.447.4880. HOPE Lottery Scholarship Appeals information can be found at milligan.edu/sfs/forms.

Please visit the Student Financial Services Office prior to any change in enrollment status. Enrollment status for determining state aid only includes courses required for a student's program of study. For more information about the Course Program of Study requirement, visit milligan.edu/sfs/faq.

State Programs

Available Assistance	Award Criteria	Amounts Available
State Grant (TN*)	Tennessee resident, U. S. citizen. Undergraduate students pursuing their first degree and enrolled at least half-time at an eligible Tennessee postsecondary institution.Award based on financial need as determined by the FAFSA with a valid EFC of $5,846 or less. Apply as soon after October 1 as possible. Renewal applicants must correctly complete the FAFSA and submit by February 1. A renewal applicant is any student who received an award from the state grant program (TSAA) in 2021-22.	$4,000 per year
Ned McWherter Scholars Program	Tennessee resident and U.S. citizen who is an entering freshman with a 3.5 high school GPA and a 29 ACT (Concordant equivalent score on the SAT) on a national or state test date. Renewal criteria: Maintain a minimum cumulative gpa of 3.0 and attend full-time. Application deadline February 15.	Up to $6,000 per year ($3,000 from institution and $3,000 from TSAC) for a maximum of four years at an eligible Tennessee postsecondary institution.
Minority Teaching Fellows Program	Minority Tennessee resident and U.S. citizen classified as a college junior, senior or graduate student; undergraduates must be enrolled full-time and graduate students must be enrolled at least half-time in courses creditable to teacher certification;maintain cumulative GPA of 2.5. Application deadline April 15.	$5,000 per year at a Tennessee postsecondary institution. Loan forgiveness has an employment obligation or it becomes a loan that must be repaid at 9% interest.
		.
Dependent Children's Scholarship	Tennessee resident and U.S. Citizen; dependent children of law enforcement officers, firemen, or emergency medical technicians who were killed or permanently disabled in the line of duty while employed in Tennessee. Must be enrolled full time as an undergraduate student at an eligible Tennessee postsecondary institution. Must complete a FAFSA and have a valid EFC. Application deadline July 15.	Award amount based on state funding and student's direct cost; coordinated with other aid. Maximum of 4 years of undergraduate eligibility.

*For additional information regarding available financial aid and application deadlines provided by Tennessee, contact Tennessee Student Assistance Corporation at 800.342.1663 or www.TN.gov/CollegePays. Tennessee Student Assistance Awards or state grants are made until funds are depleted.

Federal Programs

Available Assistance	Award Criteria	Amounts Available
*Federal Pell Grant	Based on results of information submitted on the Free Application for Federal Student Aid (FAFSA) and Federal Methodology. Need based federal grant.	Awards up to $6,895.
Federal Supplemental Education Opportunity Grant (FSEOG)	Students must have exceptional financial need. Priority given to Pell Grant recipients. Need based federal grant.	Awards based on federal funding level. Generally range from $500 to $1,000 annually.
Federal Work Study	Undergraduate students who are enrolled at least half-time who desire work and meet the eligibility requirements.	From $1,190 to $2,380 annually.
Federal Direct Stafford Student Loan Programs Subsidized and Unsubsidized	Must indicate on your financial aid offer your intent to borrow Must complete a Master Promissory Note (MPN) and Entrance Loan Counseling Subsidized—Need based, U.S. Dept. of Education pays interest while student is in college. Unsubsidized—Available to all students, not need-based. Interest accrues while student is in college.	Combined Annual Loan Limits for Subsidized and Unsubsidized Loans $5,500–Dependent 1st Yr. Students $9,500–Independent 1st Yr. Students $6,500–Dependent 2nd Yr. Students $10,500–Independent 2nd Yr. Students $7,500–Other Dependent Undergraduates $12,500–Other Independent Undergraduates
Federal Direct Parent PLUS Loan for Undergraduate Students	Low cost parent loan program, not need-based. Minimum monthly payment $50. Repayment begins within 60 days after loan is disbursed. Must complete a Master Promissory Note (MPN) and new Graduate PLUS Loan borrowers must complete Entrance Loan Counseling.	Cost - Financial Aid = Annual Eligibility
Teacher Education Assistance for College and Higher Education (TEACH) GRANT	Federal grant for undergraduate, post-baccalaureate and/or graduate students. Student must be Title IV eligible with a 3.25 GPA who is completing or plans to complete coursework necessary to begin a career in teaching. Student must teach at an elementary school, secondary school, or educational service agency that serves students from low-income families in specified high-need areas (bilingual education and English language acquisition, foreign language, mathematics, reading specialist, science, special education, or other high-need field approved by the Secretary). A TEACH Grant recipient must annually sign a Teach Grant Agreement to Serve which obligates the recipient to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students for at least 4 years within 8 calendar years of completing the program of study for which the TEACH Grant was received. IMPORTANT: If the TEACH Grant recipient fails to complete this service obligation, all amounts of TEACH Grants received will be converted to a Direct Unsubsidized Stafford Loan. You must then repay this loan to the U.S. Department of Education. You will be charged interest from the date the grant(s) was disbursed.	Award amount to be determined when eligibility is confirmed.

*Milligan University will recalculate a Federal Pell Grant award for any student who changes his or her enrollment status through the last date to "add/drop" courses during a semester. The award amount may increase or decrease, based on the enrollment status change. This policy is applied consistently to all students.

Other Programs

Alternative Loan Programs – educational loans borrowed by students to supplement federal/institutional financing. Contact the Student Financial Services Office at www.milligan.edu/sfs or at 800.447.4880 for information.

Disbursements of Financial Aid

- Generally, financial aid disbursements are made at the beginning of each semester. Exceptions occur during summer as it may be necessary to disburse financial aid in more than one disbursement to comply with federal guidelines related to the enrollment status of the student during each summer session. Contact your Student Financial Services Counselor for assistance with summer financial aid.
- In summer, Federal Pell and SEOG funds will be disbursed after July 1 in accordance with the beginning of the federal fiscal year.
- For students attending one semester during the academic year, there will be one disbursement at the beginning of the semester. Loan eligibility is prorated based on the number of hours you are taking during your last semester of study if you are enrolled in an undergraduate program.
- Financial aid awards are adjusted if the student drops or adds credit hours during the drop/add period. The only exception occurs for traditional undergraduate students who are taking 12 to 18 credit hours as the full-time tuition charges remain the same during this range.
- If your financial aid disbursements create a credit balance on your student account, the Student Financial Services Office will mail the credit refund check to your local address after the drop/add period has ended. If the credit refund was created by proceeds from a parent PLUS Loan, the refund will be mailed to the parent borrower unless otherwise notified.

Financial Aid Application Process

The process of applying for federal and state financial aid programs and certain institutional aid is as follows:

1. Complete a Free Application for Federal Student Aid (FAFSA) and submit it to the federal processor (electronic version: www.studentaid.gov).
   a. Be sure to include Milligan's code (003511) on the FAFSA.
   b. For a Tennessee Student Assistance Award, students should complete the FAFSA as soon as possible after October 1, 2021, for 2022-23 and after October 1, 2022, for 2023-24. Awards are made until funds are depleted.
   c. The FAFSA is also your application for the Tennessee Education Lottery Scholarship (TELS/HOPE Program). The deadline for application may vary each year due to the availability of funds.
2. To accept Federal Financial Aid, students must sign and return their financial aid offer or accept online through Net Partner.
3. To accept a Federal Direct Stafford Loan, students must indicate their intent to borrow on their financial aid offer. Before loans will be processed, students must sign a Master Promissory Note (MPN), complete entrance loan counseling, and be registered for classes. More information may be obtained from the Student Financial Services Office or online at www.milligan.edu/sfs.
4. Parents wishing to apply for the Federal Direct PLUS Loan should contact the Student Financial Services Office so loan eligibility can be determined. After PLUS loan eligibility has been determined, parent borrowers are required to complete PLUS Loan Master Promissory Note (MPN). Parents may complete the MPN online at https://.studentaid.gov or request a paper MPN by calling the Student Financial Services Office. New Graduate PLUS Loan borrowers must complete entrance loan counseling.
5. Quickly respond to any other document requests you receive from the Student Financial Services Office.
6. If you feel that a mistake has been made regarding your financial aid or student account information, please contact Student Financial Services Office.

Financial Aid Calendar

It is important to meet the priority deadlines and to respond quickly to requests from the Student Financial Services Office for additional documentation. Some awards are issued on a first-come, first-served basis.

2022-23

November 15, 2021
Priority deadline for completing the FAFSA online at https://.studentaid.gov

December 1, 2021
Priority deadline for having your financial aid file complete (FAFSA filed and requested documents submitted.)

2023-2024

October 15, 2022
Priority deadline for completing the FAFSA online at https://.studentaid.gov

November 1, 2022
Priority deadline for having your financial aid file complete (FAFSA filed and requested documents submitted.)

Student Rights and Responsibilities

As recipients of federal student aid (as opposed to state, institutional, or private aid), students have certain rights and responsibilities. Being aware of these rights and responsibilities enables students to make informed decisions about their educational goals and the best means of achieving them.

Student Rights

All students have the right to know:

a. The cost of attending a particular school and the school's policy on refunds to students who withdraw (Milligan University Catalog, Student Financial Services website, and Financial Aid Offer Instruction Booklet).
b. The forms of available financial assistance, including information on all federal, state, local, private, and institutional financial aid programs (Milligan University Catalog, Student Financial Services website, and Financial Aid Offer Instruction Booklet).
c. The identity of the school's financial aid personnel, their location, and how to contact them for information (Milligan University Student Handbook and Student Financial Services website).
d. The procedures and deadlines for submitting applications for each available financial aid program (Milligan Uuniversity Catalog and Student Financial Services website).
e. The methods through which the school determines financial need. This process includes methods of determining costs for tuition and fees, room and board, travel, books and supplies, and personal and miscellaneous expenses. It also includes the resources considered in calculating need (such as other outside scholarships.) (Milligan University Catalog, Financial Aid Offer Instruction Booklet, or Student Financial Services Website link to www.studentaid.gov).
f. How and when the student receives financial aid (Student Financial Services website and Milligan University Catalog).
g. An explanation of each type and amount of assistance in the financial aid package (Financial Aid Offer, Financial Aid Offer Instruction Booklet, Milligan University Catalog, and Student Financial Services website).
h. The interest rate on any student loan, the total amount that must be repaid, the acceptable time frame for repayment, and any applicable cancellation or deferment (postponement) provisions (Student Financial Services and Department of Education websites).

i. Work Study Guidelines if a federal work-study job is assigned (nature of job, required hours, pay rate, and method of payment). (Work Study Guidelines brochure and the Work Study Contract).
j. The school's policy in reconsidering your aid package if you believe a mistake has been made, or if your enrollment or financial circumstances have changed (Milligan University Catalog).
k. The manner in which the school determines satisfactory academic progress according to guidelines for receiving Federal Title IV financial assistance and the school's policies for addressing unsatisfactory academic performance. The Title IV Satisfactory Progress Policy is stated in this catalog or is available in the Student Financial Services Office.

Student Responsibilities

All students must:

a. Complete the Free Application for Federal Student Aid (FAFSA) if applying for federal and/or state financial aid and the Milligan University Admissions Application (incoming students only). Errors can delay or prevent the awarding of aid.
b. Know and comply with all deadlines for applying or re-applying for aid.
c. Provide all documentation, corrections, and/or new information to the Student Financial Services Office.
d. Notify the Student Financial Services Office of any information that has changed since the original application was completed.
e. Read, understand, and keep copies of all financial aid forms signed.
f. Repay any student loans. Signing a promissory note indicates agreement to repay the loan.
g. Complete both entrance and exit counseling if awarded a Federal Direct Subsidized Stafford Loan, Federal Direct Unsubsidized Stafford Loan or Graduate Direct PLUS Loan for new Graduate PLUS Loan borrowers.
h. Notify the Student Financial Services Office and the Department of Education of any change in name, address, or enrollment status (the number of credits in which a student is enrolled during any given semester).
i. Demonstrate satisfactory performance in any assigned Federal Work-Study job.
j. Remain drug free. A federal or state drug conviction can disqualify a student for Title IV funds if such incident occurs during a period of enrollment for which the student is receiving Title IV aid.

For more financial aid information, contact:
Milligan University Student Financial Services Office
P. O. Box 250
Milligan, TN 37682
800.447.4880 • 423.461.8949 • www.milligan.edu/SFS

Provisions for Veterans Education Benefits for U.S. Armed Forces Members and Family

General Policies and Procedures

Milligan University is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 31, 32, 33, 35, 1606, and 1607.

First-time and transfer student veterans are required to provide a photocopy of Member Copy 4 of Department of Defense (DD) Form 214 Certificate of Release or Discharge from Active Duty, a copy of DD Form 2366 Montgomery GI Bill® Act of 1984 (GI Bill® election form), if available, or other veterans educational assistance benefit entitlement/eligibility documents, including but not limited to university fund contracts if any. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). Reservists and members of the National Guard need to provide DD Form 2384, Selected Reserve Educational Assistance Program Notice of Basic Eligibility. Dependents of totally and permanently service-connected disabled (or deceased) veterans applying for educational assistance benefits should provide a copy of the disabled veteran Rating Decision or a copy of their USDVA Certificate of Eligibility, if received from a previously submitted application.

Any covered individual will be able to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Milligan University will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

To receive VA education benefits while attending Milligan University, please refer to the satisfactory academic progress policies in the catalog for undergraduates and graduate students.

Most payments are made each month directly to the veteran. Some benefits available under Chapters 31 and 33 are paid directly to the University The Veterans Administration provides counseling and vocational planning services for any veteran who needs this assistance. Students who desire additional information may contact their nearest Veterans Administration Office or the Registrar's Office of Milligan University.

Policies and Procedures for Chapter 33 and the Yellow Ribbon Education Benefits Program

Application

Milligan University has been approved by the Department of Veterans Affairs to participate in the Post 9/11 G. I. Bill Education Enhancement Program, also known as the Yellow Ribbon Program. This approval began on August 1, 2009, and extends through July 31, 2023. Application and approval processes are based on an annual calendar running from August 1 through July 31. Milligan Univeristy has agreed to provide scholarship contributions for up to 50 undergraduate students and up to 10 graduate students. The maximum yearly scholarship amount for undergraduate students for 2022-23 is $11,100; the maximum yearly scholarship amount for graduate students for 2022-23 is $5,000. Students would also be eligible for

merit-based scholarships in addition to the yellow ribbon scholarship provided by Milligan. These scholarships, when combined, would not exceed the total tuition charges for the academic year.

For a veteran to be placed on a first-come-first-serve list for Yellow Ribbon benefits, the School Certifying Official (SCO) (at Milligan, this is the Associate Registrar) must receive the following documentation for the veteran:

1. Any pertinent VA Form DD-214 (noting honorable discharge)
2. Notification from VA of veteran's eligibility for Chapter 33 benefits including the percentage of eligibility (Only veterans who are eligible at the 100% level can receive the Yellow Ribbon scholarship.)
3. An award letter from the VA for students who are eligible and have been approved for Transfer of Entitlement from a parent or spouse

In addition, the veteran must have been admitted to Milligan University. After calculating the annual number of Yellow Ribbon recipients, the SCO will notify students that they have either been accepted into the Yellow Ribbon Program and/or placed on a waiting list.

Distribution of Funds

Yellow Ribbon monies will be distributed for each fall and spring semester of enrollment in the form of institutional scholarships for each award year that the University is approved by the VA for the Yellow Ribbon Program.

Certification to the VA

Enrollment at Milligan University will be reported by the SCO using VA-Once for each enrollment period, noting credit hours, start/end dates, full/part time status, tuition, fees, and Yellow Ribbon scholarship amount. As noted in the MSOT section of the catalog section, the MSOT programs includes two non-standard sessions/term that will count as full-time enrollment.

Changes in Enrollment

Students receiving VA education benefits must notify the SCO immediately of any changes in hours including adds, drops, and withdrawals from the University.

Debts

Students receiving VA education benefits are responsible for debts incurred through overpayments by the VA that resulted from dropped courses or from completed courses with grades received which do not count toward graduation. The process for withdrawal from class/univsity and the refund policy are described in the catalog. In "VA-Once," the SCO notifies the VA of the change in enrollment status, which could result in the student owing money to the VA and/or the University.

Appeals Process

An appeal related to decisions made by Milligan University should be initiated with the SCO, who, if necessary, will involve the VP for Business and Finance in the ruling on the appeal.

Military Leave Policy

If a reserve student is called up or if a student enlists for active military duty while attending Milligan University, the University will do its best to protect the academic and financial interests of the student within the norms of good academic judgment. The student must meet with the Academic Dean and provide proof of being called to active duty. The Dean, after conferring with the Director of Financial Aid, the Vice President for Business and Finance, the student's current instructors and advisor, and the student, will decide the course of action. The Dean will then process the necessary paperwork and place the student on military leave status. If the student does not concur with the Dean's decision, the student may appeal to the President. The student is responsible for all room and board and related expenses incurred.

Refund policy

Funds provided by the Departments of Defense and Veterans Administration will be earned on a pro-rata basis through the 60% point in the enrollment period, with unearned funds returned based upon when a student stops attending. After a student has completed 60% of the enrollment period, then he or she has earned 100% of the funds provided under the TA program. For official withdrawals, the return of TA funds will be calculated within 45 days of a student's withdrawal from the University; for unofficial withdrawals, the calculations are performed within 30 days following the end of the semester. Refund policies for institutional, federal, and state financial aid are located in the Financial Aid section of the *Catalog*.

Readmission

Service members who did not attend, or did not continue to attend, because of service in the uniformed services may seek readmission to a Milligan University program of study with the same academic status as when previously admitted. Please see the Admissions section of the catalog for information about readmission procedures.

Education Plan

The catalog describes the requirements for the completion of the various programs of study including the total number of hours required for completion of the degrees along with the general education requirements, major and/or minor requirements, and elective courses. In addition, the University Registrar evaluates previous coursework from other accredited institutions and relevant military training and provides a summary of the findings. When awarding credits for military service, the University follows the recommendations of the American Council on Education Guide to the Evaluation of Educational Experiences in the Armed Forces. This evaluation is provided within 60 days after the individual has selected a degree program and all required official transcripts have been received.

Department of Defense Service Members Tuition Assistance Programs Policies and Procedures

Milligan University is in a voluntary education partnership with the Department of Defense to provide access to quality postsecondary educational programs to advance the personal education and career goals of service members, their eligible family members, DoD civilian employees, and military retirees. Eligible service members should contact and receive approval from an Educational Services Officer (ESO) or counselor within the Military Service prior to enrolling at Milligan. The Information Sheet for Military Service Members at https://www.milligan.edu/veterans/#veterans discloses general policies and procedures at Milligan to help service members compare educational institutions.

Point of Contact

For more information regarding VA benefits, contact:

Becky Robertson, Associate Registrar
Milligan University Registrar's Office
P. O. Box 52
Milligan, TN 37682
423.461.8415 •RLRobertson@milligan.edu

Undergraduate Special Academic Programs

RISE Above (Research Increases Student Engagement)

Beginning spring 2013, the University implemented a quality enhancement program that seeks to significantly increase the number of students who participate in undergraduate research. Students seeking to pursue undergraduate research for credit will identify a faculty mentor who will support and facilitate the research initiative, including the completion of one or more courses in which research is the focus. These "RISE" courses are available across the University's academic offerings. See the "Course Descriptions" section of this catalog for the academic disciplines in which RISE courses are offered (Courses are numbered 499A, 499B, and 499C.). Students who complete the 499 coursework (or equivalent) may also earn designation as a research scholar after meeting additional criteria. Research scholars will be recognized in the commencement program and will receive a special academic cord to wear at commencement.

Honors Program

Milligan University offers the Honors Program aimed at enhancing the learning experience of Milligan's most outstanding students. Students who are accepted into Honors have the chance to be part of a special community that has a wide range of opportunities to explore, ask difficult questions, and apply their knowledge outside the classroom. Participation in the Honors Program results in a fuller and richer knowledge of both the world and individual self, and in deeper relationships with faculty and fellow students.

The Honors Program complements and builds upon Milligan's liberal arts curriculum. It adds both prestige and obligations to a student's chosen degree plan. Honors students take a number of common Honors courses and delve deeper into many of their courses than their peers.

They move their study beyond the classroom to the lab, the stage, the field, the community, and international settings. At its roots, this will serve as an experiential program. Honors Program students take "Introduction to Honors (MLGN 101H)" their first semester at Milligan, followed by Honors Humanities 102 and 201. Participation in at least four colloquia begins in the second year, and Honors elective courses usually begin in the junior year. Additionally, Honors students are required to complete two of four Capstone requirements. Students may choose to complete a senior thesis, a service practicum, a study abroad, or a research experience for undergraduates. All these experiences are designed to provide the Honors student with a broader perspective, obtained through reading, writing, and discussion, through exposure to both domestic and non-US environments, through service to society, and through original research.

Further, the program aims to advance and enhance the mission of Milligan as a Christian liberal arts university by encouraging students to think critically and deeply about the relationship between their academic education and their faith. The hope is that the Honors Program experience, in broadening the student's knowledge and vision of the world as well as expanding the student's awareness of responsibility for that world, will help the student begin to develop a vocational identity as a person called by God to use his/her gifts for the good of creation. In addition to the completion of the requirements for the degree in a specific major, students will complete other courses and experiences specific to the Honors Program. See page 108 of this catalog for a complete description of the Honors Program.

Developmental Studies

The College Success classes in mathematics, study skills, and writing give students the opportunity to develop proficiency in these areas and increase their chances for success in college course work. These hours do not count toward the 128 hours required for a degree but are included in the student's GPA and status as a full-time student.

Applicants with ACT Math scores of 18 or below, SAT Math scores of 480 or below, or CLT Quantitative Reasoning scores of 15 or below are required to take MATH 090, Math Strategies for College Success. Students with no ACT or SAT scores and with no college-level credit with a grade of C- or above must take a math placement exam to assess their need for the MATH 090.

First-time students with ACT scores of 19 or below in English or Reading, SAT Evidence-Based Reading and Writing (ERW) scores of 520 or below, or CLT Verbal Reasoning + Grammar/Writing scores of 49 or below are required to register for HUMN 091, Reading and Study Strategies for College Success, their first semester. Such applicants with ACT scores of 19 in English and Reading, SAT ERW scores of 500-520, or CLT Verbal Reasoning + Grammar/Writing scores of 45 and a high school cumulative GPA of 3.5 or above are exempted from the requirement to register for HUMN 091. Students placed in HUMN 091, along with any students with no ACT, SAT, or CLT scores, are evaluated for HUMN 091 on the basis of a placement exam completed online in August or January. Each student's placement in HUMN 091 will be confirmed or canceled after the Director of Developmental Studies has evaluated the placement exams.

First-time students with ACT scores of 19 or below in English, SAT ERW scores of 520 or below, or CLT Verbal Reasoning + Grammar/Writing scores of 49 or below are required to register for COMP 093, Writing Strategies for College Success, during their first semester. These students, along with any students with no ACT, SAT, or CLT scores, are evaluated for COMP 093 on the basis of a placement exam completed online in August or January. Each student's placement in COMP 093 will be confirmed or canceled after the writing staff has evaluated the placement exams.

Students placed in COMP 093 and HUMN 091 cannot withdraw from these courses without a successful placement exam. However, after achieving satisfactory performance on the math competency exam given at the beginning of the semester or upon instructor approval, a student may be granted permission to withdraw from MATH 090. A minimal grade of "C-" is required to pass developmental studies courses. Failure to pass COMP 093 requires that the student retake the course before enrolling in COMP 111 or COMP 211. Failure to pass MATH 090 requires that the student retake the course before enrolling in a college Math course.

- Math Strategies for College Success - see MATH 090
- Reading and Study Strategies for College Success - see HUMN 091
- Writing Strategies for College Success - see COMP 093

Tutoring

Students may sign up to work with a peer tutor—another student at Milligan who has been through a particular course successfully and now offers assistance to others in that course. Tutors are available for a variety of subjects; tutoring is commonly offered in languages, mathematics, the sciences, Bible, composition, humanities, and other areas. Milligan provides tutoring services at no cost to the student. Contact the Office of Student Success at any time to sign up for tutoring services.

Internships

An internship is a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Internships give students the opportunity to gain valuable applied experience and make connections in professional fields they are considering for career paths. Internships also provide employers the opportunity to guide and evaluate talent.

Internships are available in most of the programs of study at Milligan University. Please see the description of the majors to determine if an internship is required or optional for the completion of a specific major.

Co-operative Program with East Tennessee State University

Co-operative programs enable students to enjoy the advantages of other colleges or programs. Under certain circumstances and with prior approval, Milligan University students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. Generally, courses available under the co-op program must be required for a major or an approved course of study and must not be available in Milligan's course schedule in a reasonable period of time. Prior approval is required.

Courses taken under the co-op program are considered part of the Milligan program and will receive Milligan grades; the tuition for these courses is part of the Milligan tuition.

Students who receive faculty/staff grants are subject to restrictions outlined in the Faculty and Personnel Handbooks.

Students will be responsible for providing their own transportation to and from the other institution; students must attend classes and complete assignments according to the other institution's academic calendar even when it differs from the Milligan calendar. See the Associate Registrar for details about this program.

Army ROTC Program in Collaboration with East Tennessee State University

New or currently enrolled students at Milligan may choose to enter the Army ROTC Program through a cooperative arrangement with ETSU. Under this cooperative arrangement, Milligan students will enroll in courses required for the Army ROTC Program through Milligan but will attend those courses at ETSU.

The Army ROTC Program provides qualified students with significant amounts of financial aid up to the full cost of tuition. ROTC cadets also receive book and living stipends in addition to tuition aid. New or currently enrolled Milligan students who are interested in the Army ROTC Program should contact the Office of Admissions for details.

Off-Campus Programs

Milligan University offers a number of formally linked off-campus programs (see listing below) and allows for participation in a wide variety of other accredited off-campus programs. Students wishing to participate in an off-campus program will apply for a Global Educational Opportunities Scholarship. This scholarship will override any other Milligan scholarship, including the Goah Scholarship. This excludes the Semester in Ministry at Mountain Christian Church. Personnel Grants are subject to the restrictions outlined in the Faculty and Personnel handbooks.

Students studying on other (not formally-linked) study-away programs will be treated as participating in other transfer programs and may only receive federal and state financial aid subject to the federal and state policies that govern such programs. In the case of non-formally linked programs, students arrange their programs and courses of study by mutual consent, paying to their own institutions the published fees for participating in the program.

For students studying away during fall, spring, or summer semesters and seeking Milligan academic credit, Milligan will charge a $500 study-away fee.

Milligan may limit the number of students participating in formally-linked off-campus study programs (currently at five students) per academic year.

Fall and Spring Semester Formally-Linked Programs

Disney College Program

The Disney College Program at the Walt Disney World Resort is a paid living, learning, and earning experience for students from all majors and backgrounds. The Disney College Program curriculum offers eight courses in the areas of organizational leadership, human resource management, hospitality management, corporate communication, experiential learning, corporate analysis and personal and career development courses. The paid internship experience develops skills in problem solving, effective communication, teamwork, leadership, and cultural sensitivity. Students will have the chance to make professional connections with leaders from a variety of disciplines through various networking events and opportunities. Participation in the Disney College Program qualifies students to apply for Disney's Professional Internships. Application to the program is not limited as in the study abroad program. Students are eligible one semester beyond graduation. Students can earn 12 semester hours of credit.

CCCU GlobalEd (Council for Christian Colleges and Universities)

The Council for Christian Colleges and Universities (CCCU), an association of 150 campuses in the United States and Canada, offers the following semester and summer programs to students of its member institutions. The programs offer a unique opportunity for students to make the world their classroom, going beyond the confines of the traditional classroom. These interdisciplinary learning opportunities are available to second-semester sophomores, juniors, and seniors. For further information, contact the Study Abroad Director.

American Studies Program (ASP)

The American Studies Program (ASP) in Washington, D.C. connects you and your faith to the institutions and leaders who are impacting issues in public policy and global development. You are independent, but not alone. Future politician or not, you will nurture the leader within during your experience in ASP. Students earn up to 16 semester hours of credit.

Los Angeles Film Studies Center (LAFSC) (Beginning Spring 2023)

The Los Angeles Film Studies Center exists to provide a space for people who are passionately driven to create stories. We train students in the craft of expressing their authentic voice while walking out their faith journey. What does it look like to make films that are as focused on method as message? How do you tell stories that ring true without robbing your audience of their right to come to their own conclusions? How can you truly be yourself and tell your story in the midst of Christian community? We could tell you. But come to the LAFSC and let us show you. We don't just talk about the film industry at The Los Angeles Film Studies Center. We immerse you in it with us. We introduce you to like-minded people living and working in the business, including many who have come through our program before you.

We provide equipment, knowledge and opportunities to make your mark in this culture. Wherever you are in your journey of faith and film, we want to help you arrive at that next step. To quote one of our favorite teachers, we have come here to prepare a place for you that where we are, you might be also. Students earn 16 semester hours.

Middle East Studies Program (MESP)

Immerse yourself in 6,000 years of abounding history. Journey to the ancient sites of Mount Sinai, the Old City of Jerusalem, the Sea of Galilee, and the neighboring countries of Israel. Share stories with Israeli and Palestinian youth; bargain in Jaffa or in the Grand Bazaar of Istanbul. Watch this Holy Land take human shape as you serve the people who call it home – and learn to call it home yourself. At the heart of the Middle East Studies Program (MESP) is the experience of forging authentic relationships. MESP will baffle your preconceptions as you engage in the contemporary religion, culture, and politics of the Middle East. You'll examine the Israeli-Palestinian conflict from a non-partisan perspective, live with a local family as part of your week-long homestay, and connect with a range of speakers on the topics most precious to the region. This is learning by immersion. The complex interplay of regional faiths will compel you to dive more deeply into your own beliefs. MESP invites you to walk closer with Christ and the culture of the Middle East in morning devotionals, local churches, and student-led worship. Share a lesson, sing a song, read scripture, and pray as your deepening faith takes shape in the very place it began. Students earn 16 semester hours of credit.

Scholarship and Christianity in Oxford (SCIO)

SCIO is not for the faint of heart. Designed specifically for students seeking an academically rigorous and robust experience like no other, even the brightest minds will be molded, shaped and stretched at SCIO. It happens during your tutorials. Here, you and an accomplished Oxford scholar go head-to-head on a topic chosen from 230 subjects relating to history, literature, languages, philosophy or science. And when the semester is all said, done, debated and graded, you'll return home with a community of alumni that continually reconnect over the bond that SCIO so passionately unites. Students earn 17 semester hours of credit.

Contemporary Music Center (CMC) - Greenville University

The Contemporary Music Center (CMC) offers you a front-row ticket to the music industry. Learn all of Nashville's ins and outs as you visit a publishing house, a modern recording studio and sound stage. Meet with a working songwriter, producer, engineer, and music arranger to get a taste of the working life in this musical metropolis.

Put it all together at the Hardscuffle Building, where world-class equipment waits for your God-given talents. CMC has been adapting to the every-changing world of music since its inception in 2001. Your entry into the Nashville music scene begins with morning classes; then you're off composing, performing, mixing and promoting until you put your inspired soul to sleep. After weeks of solid creativity, you're out on tour, living the experience and savoring every note. Your time at CMC is never dull and is filled with activity from dawn til dusk. Here, you're surrounded by peers who share your endless love for music and do nothing but nourish that love for 14 weeks straight. Together, you share access to the best gear, giving you every opportunity to make the best music possible. You also have access to experienced, caring faculty who share a passion for music and the industry it's a part of, just like you. You'll earn the most fun, demanding, emotionally satisfying credits of your whole college experience. No matter your focus, whether you're a hopeful singer, daring songwriter, clever producer, or master of editing, making music your lifelong career starts here at CMC. Students earn 16 semester hours of credit. For more information, please contact the Study Abroad Director.

Programs Associated with the Council on International Educational Exchange (CIEE)

Milligan University is a member of CIEE's academic consortium. The consortium seeks to promote and contribute to the international understanding and peaceful cooperation between nations that is engendered through international education. CIEE offers 220 programs in 40 countries. Areas include Africa, Asia Pacific, Europe, Latin America, North America, and the Middle East. Some of the programs of study include: Business & Management, Foreign Languages & Journalism, Health & Medical Studies, Humanities & Social Sciences, Legal Studies & Law Enforcement, Political Science, STEM Fields, and Teacher Education. Milligan students interested in participating in a study abroad program with CIEE must seek approval of their program of choice by Milligan administration before beginning the application process. For more information, please contact the Study Abroad Director.

Cultural Experiences Abroad, Inc. (CEA)

Milligan University is an affiliate member of CEA. Studying abroad is more than just an academic experience – it's a life- experience. A CEA education abroad expands the boundaries of your education and transforms the world into your classroom. With destinations in 21 cities and across 12 countries, CEA offers a balance of academics and adventure to thousands of students each year. CEA's mission is to create and facilitate opportunities for academic achievement, global competence, and personal growth through quality international education. Milligan students interested in participating in a study abroad program with CEA must seek approval of their program of choice by Milligan administration before beginning the application process. For more information, please contact the Study Abroad Director.

Global Education Oregon (GEO)

Milligan University is an affiliate member of Global Education Oregon. Global Education Oregon creates pathways to international, experiential learning for students, faculty, and university partners. Founded on the belief that international engagement is integral to developing global citizens, GEO prepares students for a 21st century workforce, creating exceptional academic and professional development opportunities abroad. GEO offers Research, Internship, and Service-Learning opportunities in 51 different programs in 29 cities and 19 countries. Milligan students interested in participating in a study abroad program with GEO must seek approval of their program of choice by Milligan administration before beginning the application process. For more information, please contact the Study Abroad Director.

The King's College

New York City Semester in Journalism

Milligan University is a partner institution with the New York City Semester in Journalism (NYCJ), a 15-credit hour program offered through the Phillips Journalism Institute at The King's College in New York City. With courses in journalism and liberal arts, mentoring, lectures, and readings, students will consider their calling as Christians, explore the possibilities of working in mainstream media, and sharpen their reporting, writing, and multimedia skills. An NYCJ internship provides hands-on experience in the media capital of the world. Students from any academic discipline may apply, and NYCJ credits can be integrated into a student's academic plan.

New York City Semester in Theater

Milligan University is a partner institution with the New York Semester in Theater (NYCT), a 15-credit hour program offered through The King's College in New York City. "Study in the center of American theater, New York City, where new plays and musicals are created, tested, and showcased and new talent is sharpened, challenged, and celebrated." The campus is located a short subway ride to Broadway and offers a wide range of opportunities to experience this competitive field.

Studio Arts College International (SACI)

College of Art and Design, Florence, Italy

Milligan University is a member of the SACI consortium, a group of colleges and universities throughout the United States and elsewhere to grant credit for course work completed at SACI. SACI offers a wide selection of studio art, design, photography, digital media, animation, art theory, art history, and conservation. Most courses are offered at beginning, intermediate, and advanced levels and separate specialized courses are offered within specific disciplines (such as typography and infographics for student studying graphic design.) Students are encouraged to take a full course load consisting of four or five courses, totaling 12 to 15 credit hours.

May Term and Summer Off-Campus Programs

May-term and summer programs may not be eligible for financial aid depending upon the student's circumstances.

Humanities USA Study Tour

The Humanities USA tour (HUMN 100) is a one-week study tour of several culturally and historically important American cities. Students visit sites connected to their study in the Humanities curricular sequence. In addition to travel, students complete writing assignments and fulfill all the academic obligations outlined by the tour professors. The tour offers students an opportunity to experience some of the art and history presented in the Humanities curriculum at less expense (of time and money) than the Humanities European Study tour. The course is offered in May term; students may earn one credit hour for the travel experience.

Humanities European Study Tour

Milligan students may earn four hours of humanities credit by participating in a one-hour preparation course offered in the spring semester and a multi-week tour of Europe offered each summer. One or more of Milligan's humanities professors will lead the tour, which visits several European countries. Visits are made to sites of both historical and cultural significance. In addition to travel, students attend lectures and discussions, complete writing assignments, and fulfill other responsibilities outlined by the tour professor. The preparation (HUMN 200P) and tour (HUMN 200T) may be taken in place of HUMN 202. Prerequisites include HUMN 101 and HUMN 102.

Maymester in Oviedo, Spain

This five-week intensive Spanish program, offered through Global Education Oregon (GEO), is perfect for intermediate to advanced students who want to improve their Spanish in a truly immersive experience. Located in beautiful Oviedo, Spain, students will attend classes at the University of Oviedo Language Institute and complete 100 hours of course work. Students are placed with homestay families near campus who will provide all meals. There are several fun local excursions around Asturias that will take place during the weekend. Students can earn academic credit toward their Bachelor of Arts language requirement at Milligan by taking one of three language tracks: 1) Intermediate Spanish, 2) Language and Literature, or 3) Spanish for Health Care.

Scholarship and Christianity in Oxford (SCIO) Summer Programme

The Oxford Summer Programme is a program of the CCCU and Wycliffe Hall, Oxford. The program is designed for students to uncover the relationship between Christianity and the British Isles in just one summer month. Seminar and tutorials include areas of history, religious studies, political theory, philosophy, English, and history of science. The Programme is structured for rising college sophomores, juniors, seniors, graduate and seminary students, non-traditional students, teachers, and those enrolled in continuing-education programs.

International Business Institute (IBI)

Students pursuing the international business concentration in the business administration major may complete the concentration by participating in a ten-week academic program abroad through Milligan's affiliation with Messiah University's International Business Institute. Students attend the Institute during a summer session following completion of the required core courses at Milligan University. A student's course of study can often be designed so that graduation is possible following seven semesters of study at Milligan in addition to the summer Institute. Students pursuing the international business concentration are strongly encouraged to demonstrate competency in a foreign language through, at least, the intermediate level.

Participation in the IBI includes the following required courses:

ECON 331 Comparative Economic Systems
A survey of the major economic systems, including the underlying ideological foundations and institutional arrangements. The major theoretical aspects of various types of systems are covered in terms of political economy and their central organizational features. Special attention is given to changes and developments in the former Soviet Union and Eastern Europe. The European Union is covered in depth along with the major Asian economies of China and Japan. Offered summer term each year as part of the IBI program (Prerequisite: Introductory Economics). Three semester hours.

ECON 350 International Trade and Finance
A survey of the analytical and institutional aspects of international trade and finance. The historical and contextual elements are the foundation for the examination of current theoretical and empirical approaches to international economic and financial relations. Major areas of emphasis include international finance, international trade, and regional economic integration. Special attention is also given to the issues of globalization and the problems of economic development. Offered fall term even years. Offered summer term each year as part of the IBI program (Prerequisite: Introductory Economics). Three semester hours.

BADM 339 Global Marketing
The theory and practice of contemporary global marketing management. The context or environment of international marketing management is covered along with the task of marketing within a variety of national and cultural markets. Major topic areas included in this course are: the global marketing environment; global market research, including market entry and product planning; marketing strategy in a global context. Assigned projects will involve students in global marketing research and analysis and well as case studies. Offered summer term each year as part of the IBI program (Prerequisite: Principles of Marketing). Three semester hours.

BADM 390 Global Business Management and Strategy
This course is intended to integrate the field experiences and presentations by guest faculty and practitioners in the area of international business management with the reading and academic work including the recent developments and literature in this field. Students will be expected to prepare analytical reports on the various firms and institutions visited on the field seminar. Major topics covered in this course include: the role of the multinational firm in the global economy; international and global business strategy; cultural adaptation and organizational behavior in the global firm. The discussion of ethical values and issues in global management will also be included in this course as well as in the other courses. Offered summer term each year as part of the IBI program (Prerequisite: Principles of Management). Three semester hours.

Undergraduate Degree Requirements

General Education Requirements (51 – 65 hrs)

The Intent of Our Curriculum

The core curriculum for baccalaureate degrees at Milligan University is designed to provide students with a broad foundation for life-long learning and for further study in specific disciplines. As a Christian liberal arts university which seeks to honor God by educating men and women to be servant-leaders, Milligan University requires the following outcomes:

A. Intellectual and Practical Skills

Students will have:

1. exhibited fundamental critical and creative thinking skills, having posed and investigated a question, assessed and/or evaluated information, and formulated conclusions.
2. synthesized and integrated a variety of information into a coherent whole.
3. demonstrated the capacity to learn for a lifetime by locating, accessing, evaluating, and utilizing information.
4. demonstrated effective communication skills.
5. demonstrated mathematical literacy: the ability to think logically and reason effectively utilizing mathematical methodologies to solve problems.
6. demonstrated scientific literacy.
7. evaluated Christian responses to the challenges of living in contemporary culture according to the Scriptures.
8. demonstrated a fundamental understanding of their own and other cultures and how they affect human interaction.

B. Experiential Learning

Students will have:

1. significantly engaged another culture either academically or experientially.
2. participated in an experience that requires creative expression.
3. actively engaged in their own spiritual formation through corporate worship and service experiences.

C. Knowledge and Content

Students will have demonstrated knowledge of:

1. significant persons, ideas, and movements in history that have shaped the present world.
2. literary forms and of literature as an expression of culture and individual human experience and creativity.
3. contributions of significant individuals and movements in the arts and music.
4. concepts, methods, and theories that explain human social behavior.
5. the Bible: its content, context, and impact on faith and life.
6. major concepts, principles, and theories of a natural science.
7. the importance of lifelong health and wellness.

The Framework of the Curriculum

The general education requirements for Milligan are divided into three categories. In order for students to meet the desired general education outcomes, the following courses and/or experiences are required for all Milligan students:

	Total hours
Called to Relationship with God	***11 hrs***
Building a Biblical Foundation	
BIBL 123 Old Testament Survey	3 hrs
BIBL 124 New Testament Survey	3 hrs
Experiencing Spiritual Formation	
BIBL 471 Christ and Culture	3 hrs
SFP (Spiritual Formation Program) *(see spiritual formation program section of the catalog for details)*	150 programs
Developing a Life of Wellness and Service	
MLGN 100 Introduction to College and Service	0.5 hrs
MLGN 200 Introduction to Calling and Career	0.5 hrs
EXSC 101 Fitness for Life	1 hour
OR acceptable alternative (see below)	
Called to Relationship with Others	***31 – 43 hrs***
Encountering Human Culture	
HUMN 101 Ancient and Medieval Cultures	4 hrs
HUMN 102 Renaissance and Early Modern Cultures	4 hrs
HUMN 201 18th- and 19th-Century Cultures	4 hrs
HUMN 202 Cultures of the 20th & Early 21st Centuries	4 hrs
Understanding Human Society	
Three credit hours of social learning (see below)	3 hrs
For bachelor of arts students, foreign language competency through the intermediate level	3-12 hrs
Engaging Diverse Cultures	
Ethnic Studies course (see below)	3 hrs
OR	
Cross-Cultural Awareness Learning Experience *(see guidelines below for details)*	
Developing Communication Skills	
COMP 111 Rhetorical Composition	3 hrs
COMP 211 Inquiring Minds: Foundational Analytical Composition	3 hrs
COMM 102 Speech Communication	3 hrs
OR acceptable alternative (see next page)	
Called to Relationship with Creation	***9 – 11 hrs***
Investigating the Natural World	
Any 2 or 3-hour science course in Biology, Chemistry, or Physics (including GNSC 101 131, and 350)	2-3 hrs
AND	
Lab Science in Biology, Chemistry, or Physics	4 hrs
OR	
Two Lab Sciences in Biology, Chemistry, Physics (EXSC 352 and GNSC 130 count as lab sciences)	8 hrs
Developing Mathematical Literacy	
Three credit hours of mathematics	3 hrs

Total number of hours in the GER: 51–65 hrs

General Education Requirements Checklist

Here the GER requirements have been listed in order by degree and by discipline. For students to meet the desired general education outcomes, the following courses and/or experiences are required **for all Milligan undergraduates**:

For students seeking any bachelor's degree (Bachelor of Arts, Bachelor of Science, Bachelor of Science in Nursing, or Bachelor of Social Work):

BIBL 123 Old Testament Survey	3 hrs
BIBL 124 New Testament Survey	3 hrs
BIBL 471 Christ and Culture	3 hrs
COMP 111 Rhetorical Composition	3 hrs
COMP 211 Inquiring Minds: Foundational Analytical Composition	3 hrs
COMM 102 Speech Communication	3 hrs
OR acceptable alternative	
(See specific course information that follows this list)	
ETHNIC STUDIES course	
(See specific course information that follows this list)	3 hrs
OR	**OR**
Cross-Cultural Awareness Learning Experience	0-3 hrs
(See information that follows this list)	
EXSC 101 Fitness for Life	1 hour
OR acceptable alternative	
(See specific course information that follows this list)	
HUMN 101 Ancient and Medieval Cultures	4 hrs
HUMN 102 Renaissance & Early Modern Cultures	4 hrs
HUMN 201 18th- and 19th-Century Cultures	4 hrs
HUMN 202 Cultures of the 20th & Early 21st Centuries	4 hrs
MLGN 100 Introduction to College and Service	0.5 hrs
MLGN 200 Introduction to Calling and Career	0.5 hrs
MATHEMATICS	3 hrs
SCIENCE	
Any 2 or 3 hour science course in Biology, Chemistry, or Physics (including GNSC 101, 131, and 350)	2-3 hrs
AND	
Lab Science in Biology, Chemistry, or Physics	4 hrs
OR	
Two Lab Sciences in Biology, Chemistry, Physics (EXSC 352 and GNSC 130 count as lab sciences)	8 hrs
SOCIAL LEARNING	3 hrs
(See specific course information that follows this list)	
SPIRITUAL FORMATION PROGRAM	150 programs
(See spiritual formation program section of the catalog for details)	

In addition to all the general education requirements listed above, B.A. students must complete foreign language competency through the intermediate level. B.A.-degree seeking students enter Milligan with varying competency levels, and thus the required foreign language hours can range from 3 hours (for those students nearly fluent when they enter Milligan) to 12 hours (for those students with little or no previous competency when they enroll).

Foreign language competency through the intermediate level	3-12 hrs

Total number of hours in the GER: 51-65 hrs

Other Information about the General Education Requirements

1. Students must earn a C- or better in COMP 111 to advance to COMP 211 and to meet the writing requirements for graduation. At the writing professor's discretion, students with severe writing difficulties may be required also to complete COMP 093 successfully (i.e., pass with a C- or better) before repeating COMP 111.

   Students must also pass COMP 211 (D- or better) to complete the writing requirements for graduation.

2. The three-hour ethnic studies requirement may be filled by any one of the following courses: Studies in Eastern Christianity (CH 6020; graduate course – permission required); China Cultural Experience (CHIN 200); Race and American Culture (ENGL 362); World Literature and Film (ENGL 375); Religion and the Movies (FILM 170); World Cinema (FILM 271); History of Animated Film (FILM 373); Cultural and Ethnic Geography (GEOG 202); History of the Jews Since 70 A.D. (HIST 208); Law, Politics, and Global Development (LS 304); World Music (MUSC 250); Global Health Issues (NURS 110); Islam: Faith and Practice (PHIL 230); African Religions in the Americas (PHIL 250); African Religions and Philosophy (PHIL 260); Religions of the World (PHIL 350); China and the World (POLS 215); Politics and Culture of Latin America (POLS 230); Cross-Cultural Psychology (PSYC 356); Peoples and Cultures of Asia (SOCL 215); Introduction to Cultural Anthropology (SOCL 210); Race and Ethnic Relations (SOCL 314); Aspects of Intercultural Studies (SOCL 360); Survey of Spanish-American Literature (SPAN 312); Cuban Literature and Culture (SPAN 365); Civilization and Culture of Latin America (SPAN 402); Twentieth-Century Spanish-American Novel (SPAN 411)

   Additional courses are included in this list as approved by the University. Students may also satisfy the ethnic studies requirement by successfully completing a semester abroad in the Middle East Studies Program.

3. The three-hour social learning requirement may be filled by any one of the following courses: Macroeconomic Principles (ECON 201); Microeconomic Principles (ECON 202); Cultural and Ethnic Geography (GEOG 202); American National Government (POLS 120); Introduction to International Relations (POLS 210); Sustainability and Society (POLS/SOCL 240); General Psychology (PSYC 150); Developmental Psychology (PSYC 252); Introduction to Sociology (SOCL 201); Introduction to Cultural Anthropology (SOCL 210); Social Problems (SOCL 211).

   Additional courses are included in this list as approved by the University.

4. Acceptable alternatives for EXSC 101, Fitness for Life, include the following courses: Foundations of Wellness (EXSC 271); Health Assessment (NURS 202).

5. Acceptable alternatives for the general-education speech requirement include the following: Storytelling (COMM 180).

6. Courses within the general education curriculum may not be used to satisfy more than one general education requirement.

7. *Criteria for Cross-Cultural Awareness Learning Experiences*
A cross-cultural awareness learning experience is one in which:
   - the student is *completely immersed* in a culture significantly different than his or her own for at least 14 consecutive days
   OR
   - The student *interacts extensively* with a culture significantly different than his or her own for at least 30 days.

   International students who want to develop a case for counting their time in East Tennessee as a significant cross-cultural experience would need to follow the same procedures (application, post-experience essay, and a report from a supervisor or coworker) outlined below.

   If a cross-cultural experience also meets the requirements of a Milligan course (for example, an internship), a student may register for and earn course credit. However, the requirements for a cross-cultural experience and for the GER may be filled without course credit.

   Requirements for approval of a cross-cultural awareness learning experience
   1. The student must submit a formal application to the Dean's office. This application must be submitted at least one month prior to the end of the semester (fall/spring) before the semester of the cross-cultural experience. In the application the student will provide a rationale for the proposed cross-cultural experience. The cross-cultural awareness application experience form is available in the Academic Affairs office.
   2. At the conclusion of the experience the student must submit an essay (approximately 1000 words) describing in detail the cross-cultural experience, including the purpose of the experience, the location, the duration, language learning, housing, and significant interactions with community members. The essay should also include specific examples of the ways that the experience helped the student to understand and appreciate other value systems and ways of looking at the world which are different than his/her own. The essay must be submitted to the Dean's office within at least one month after the completion of the experience.
   3. The student must procure from a supervisor or coworker a written report confirming the student's participation in the cross-cultural awareness learning experience. The report should be sent from the supervisor or coworker directly to the Dean's office. The report should be sent within one month of the completion of the experience.

Majors, minors, and certificates

Majors

As students progress toward the baccalaureate degree, they select a major from the following: Accounting, Art, Allied Health Science, Biblical and Theological Studies, Biology, Business Administration, Chemistry, Child and Youth Development, Children's Ministry, Church Leadership, Computer Science, Criminology/Criminal Justice, Cybersecurity, Economics, Electrical Engineering, English, Exercise Science, Film, Graphic Design, History, Humanities, Information Systems, Ineractive Media Design, Intercultural Studies, Interdisciplinary Studies, International Studies, Mathematics, Mechanical Engineering, Multimedia Journalism, Music Education, Music Performance, Musical Theatre, Nursing, Political Science, Psychology, Public Relations, Social Work, Spanish, Student Ministry, Theatre Arts, and Worship Leadership. Professional teaching licensure is available in several fields and at both baccalaureate and graduate levels. A student may declare as a major only those majors that are available at Milligan University or available through one of the established cooperative agreements.

Several majors, such as Business Administration and Exercise Science, have concentrations within the major that allows a student to pursue a specialty within the academic discipline. Students may pursue one or more concentrations within a major, if desired.

A transfer student must take at least one-third of the hours in the major field of study at Milligan University.

Students may apply three courses earned in a major toward a minor or additional major.

Minors

Except in the case of a few majors, students are not required to select a minor. Fields of minor concentration vary from eighteen to twenty-four hours in the number of semester hours credit required. Students may apply three courses earned in a major toward a minor or additional major.

Minors are available in Accounting, Art, Bible, Biblical Languages, Biology, Business Administration, Chemistry, Children's Ministry, Church Leadership, Coaching, Computer Science, Criminology/Criminal Justice, Cybersecurity, Data Analytics, Digital Illustration, Economics, English, Ethnic Studies, Exercise Science, Filmmaking, Film Studies, Fitness and Wellness, Graphic Design, Greek, Health Sector Management, History, Human Anatomy and Physiology, Humanities, Information Systems, Intercultural Studies, International Studies, Legal Studies, Mathematics, Motion Graphics, Music, Musical Theatre, Philosophy, Photography, Physical Science, Physics, Political Science, Professional Writing, Psychology, Public Relations, Social Innovation and Design, Social Work, Sociology, Spanish, Student Ministry, Theatre Arts, Web Development, Women's and Gender Studies, and Worship Leadership.

A transfer student must take at least one-third of the hours in the minor field of study at Milligan University.

Certificates

An undergraduate certificate is available in Leadership. Graduate certificates are available in Graduate Study in Christian Ministries and Graduate Study in Counseling Ministry.

Accounting

William B. Greene, Jr., School of Business & Technology
Area of Business

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mission of the Business Area is "to honor God by educating men and women to be servant leaders in business related fields." The accounting major specifically endeavors to prepare the student for careers primarily in public accounting. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem-oriented courses in each of the accounting discipline areas. This major, however, provides a solid foundation that can lead into a variety of career paths including internal auditing, tax preparation and planning, cost analysis, and advisory services in information systems design and implementation. Successful professional accountants are able to communicate the implications of financial reports, with an ethical standard in mind, to managers and owners.

The accounting major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an understanding of basic technical knowledge in the area of financial and managerial accounting and reporting;

2. demonstrate information technology skills useful in solving accounting problems and communicating those solutions;

3. synthesize and integrate information into the creation of oral presentations and coherent written arguments necessary to communicate effectively as an entrant in the accountancy profession;

4. possess the educational background to meet the educational and ethical requirements of various professional accounting certification examinations;

5. understand accounting with respect to Milligan's mission for servant leadership and the Christian faith.

Accounting major – B.A. or B.S.

Required courses in the major:
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
ACCT 301 Intermediate Accounting I (3 hrs)
ACCT 302 Intermediate Accounting II (3 hrs)
ACCT 311 Managerial Accounting (3 hrs)
ACCT 312 Auditing (3 hrs)
ACCT 412 Federal Income Taxation (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)
3 elective hrs from ACCT 315, 351, 352, 415, 430, and 495

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours: 39

Accounting minor

Required courses in the minor:
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
ACCT 301 Intermediate Accounting I (3 hrs)
ACCT 302 Intermediate Accounting II (3 hrs)
ACCT electives at the 300 or 400 level (9 hrs)

The following general education requirement is fulfilled in the minor:
3 hours of social learning

Total number of required hours: 21

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Accounting majors must complete a Peregrine Academic Services (PAS) exam. Students will be notified of the exam date/location to be determined by Accounting faculty.

Allied Health Science (Pre-Pharmacy or Pre-Optometry)

School of Sciences and Allied Health
Area of Scientific Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the allied health science major specifically endeavors to prepare students to demonstrate proficiency in the pre-requisite science courses required by pharmacy or pre-optometry graduate programs.

The allied health science major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate proficiency in a broad spectrum of life science and physical science disciplines;
2. perform tasks and assignments which require critical thinking;
3. demonstrate skills in laboratory practice;
4. be capable of interpreting, evaluating, and clearly communicating scientific information in the verbal and written formats;
5. demonstrate proficiency on the entrance exam for graduate programs, and successfully apply for and secure a position in graduate school.

The allied health science curriculum is designed for the student planning to pursue a career in pharmacy or optometry. The allied health science degree is only awarded to those students who complete 100 hours in the major and then transfer back 28 hours of pharmacy or optometry school course work. The allied health science major prepares students to successfully complete their 1st year of pharmacy or optometry school and therefore complete the allied health science major at Milligan.

Allied Health Science major - B.S.

Required courses in the major:

BIOL 111 Principles of Biology I (4 hrs)
BIOL 112 Principles of Biology II (4 hrs)
BIOL 250 Anatomy and Physiology I (4 hrs)
BIOL 251 Anatomy and Physiology II (4 hrs)
BIOL 380 Microbiology and Immunology (4 hrs)
CHEM 170 General Chemistry I (4 hrs)
CHEM 171 General Chemistry II (4 hrs)
CHEM 270 Organic Chemistry I (4 hrs)
CHEM 271 Organic Chemistry II (4 hrs)
MATH 211 Calculus (4 hrs)
MATH 213 Statistics (3 hrs)
PHYS 203 General Physics I (4 hrs)
PHYS 204 General Physics II* (4 hrs)
* Physics II is not required for the Pre-Pharmacy concentration

The following general education requirements are fulfilled in the major:

8 hours of laboratory science
3 hours of mathematics

Total number of required hours: 47 (Pre-Pharmacy) or 51 (Pre-Optometry

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

A total of 100 hours of undergraduate coursework and 28 hours of pharmacy or optometry college coursework completes the allied health science major degree. Only the credit hours from the pharmacy or optometry college are posted to the student's transcript as no grades are recorded for transfer credit.

Capstone Assessment

Prior to graduation, Allied Health Science majors must complete the Pharmacy College Admission Test (PCAT) or the Optometry Admission Test (OAT). Students must submit their PCAT or OAT score(s) to the pre-pharmacy advisor or pre-optometry advisor to fulfill this graduation requirement.

Pre-Pharmacy

The Pre-Pharmacy advisor has a list of United States pharmacy programs and information regarding the application process. Each pharmacy school has its own prerequisite courses and undergraduate hour requirements so it is your responsibility to obtain the appropriate information for the pharmacy schools of interest early in your pre-pharmacy program at Milligan so that the prerequisites are fulfilled and admission requirements can be met. For admission, some schools require only 60 hours of prerequisite coursework, some 90 hours, and some require a bachelor's degree. A competitive GPA (3.4 or higher) and solid PCAT score along with some shadowing experience with a pharmacist or job experience as a pharmacy technician will position you well to secure an interview for pharmacy school admission. To be a competitive applicant, a student should have significant (100 – 125 hours) exposure to the practice of pharmacy; the goal is to explore pharmacy and be able to effectively support your desire to become a pharmacist. **The PCAT should be taken by August of the year prior to one's anticipated entrance into pharmacy school**.

Milligan University has formalized affiliation agreements with Gatton College of Pharmacy (GCOP), Mercer University College of Pharmacy and Health Sciences (MUCOPHS), and Union University School of Pharmacy (UUSOP). These affiliation agreements outline the terms and conditions under which a student will be eligible for an interview at these pharmacy schools. Copies of the affiliation agreements are available from the Pre-Pharmacy advisor.

The application process for pharmacy schools begins the summer prior to the year the student will apply for admission (for most students, the summer following sophomore year). PharmCAS (pharmacy college application service – www.pharmcas.org) is used by the majority of pharmacy schools and one can apply to several schools together. If a pharmacy school does not use PharmCAS, then their application documents will be found on their website. When a student takes the PCAT, which schools are to receive a report of the scores are identified (i.e. PharmCAS and any other non-PharmCAS schools one is applying to). It is very important that a student watches for application deadlines (which vary from school to school) and that all required documents are submitted well before the posted deadlines. It is highly advised that the application be finished by September prior to the anticipated admission the following August.

Milligan University will accept the three-year program at Milligan coupled with one year of successful work in a U.S. accredited pharmacy school in satisfaction of the course requirements for the B.S. degree in Allied Health Science. Students expecting to complete this degree must file a pre-pharmacy declaration form with the Pre-Pharmacy advisor before beginning their junior year courses. Students must complete at least 100 semester hours of undergraduate course work, of which at least 45 hours must be completed at Milligan. 28 hours of pharmacy school course work will be transferred back to Milligan to complete the 128 hours required for graduation. Students who

are admitted to pharmacy school after 3 years at Milligan, will have their spiritual formation program hours prorated to a total of 115 hours (instead of the required 150 hours).

The limits on class size in most of the pharmacy programs may prevent acceptance of some qualified applicants. In the event a first application is unsuccessful, the program may be easily changed to a Chemistry or Biology major leading to a B.S. degree, and then application may be made a second time. To complete the biology degree (B.S.), students must take BIOL 310, 352, 360, 494, 8 hours of Biology electives, and enough hours of general electives to earn 128 hours. Students must also earn the additional Spiritual Formation Program credits. To complete the chemistry degree (biochemistry concentration) , students must take BIOL 310, 352, CHEM , 341, 410, 411, and PHYS 204 along with enough hours of general electives for a total of 128 hours. Students must also earn additional Spiritual Formation Program credits.

Pre-Optometry

The Pre-Optometry advisor has a list of United States optometry programs and information regarding the application process. Each optometry school has its own prerequisite courses and undergraduate hour requirements so it is your responsibility to obtain the appropriate information for the optometry schools of interest early in your pre-optometry program at Milligan University so that the prerequisites are fulfilled and admission requirements can be met. For admission, some schools require only 60 hours of prerequisite coursework, some 90 hours, and some require a bachelor's degree. A competitive GPA (3.4 or higher) and solid Optometry Admission Test (OAT) score along with some shadowing experience with an optometrist will position you well to secure an interview for optometry school admission. To be a competitive applicant, a student should have significant (100 – 125 hours) exposure to the practice of optometry; the goal is to explore the actual practice of an optometrist and be able to effectively support your desire to become an optometrist. **The OAT should be taken early in the fall semester of the year prior to one's anticipated entrance into optometry school**.

Milligan University has a formalized affiliation agreements with Southern College of Optometry located in Memphis, TN. This affiliation agreement outlines the terms and conditions under which a student will be eligible for an interview at Southern College of Optometry. A copy of the affiliation agreement is available from the advisor for Pre-Optometry students.

The application process for optometry schools begins the summer prior to the year the student will apply for admission (for most students, the summer following sophomore year). OptomCAS (optometry college application service – www.optomcas.org) is used by the majority of optometry schools and one can apply to several schools together. If an optometry school does not use OptomCAS, application documents can be found on the school's website. When a student takes the OAT, the student identifies which schools are to receive a report of the scores (i.e. OptomCAS and any other non-OptomCAS schools to which one is applying). It is important that a student watches for application deadlines (which vary from school to school) and that all required documents are submitted well before the posted deadlines. It is highly advised that the application be finished by September prior to the anticipated admission the following August.

Milligan University will accept the three-year program at Milligan coupled with one year of successful work in optometry school in satisfaction of the course requirements for the B.S. degree in Allied Health Science. Students expecting to complete this degree must file a pre-optometry declaration form with the Pre-Optometry advisor before beginning their junior year courses. Students must complete at least 100 semester hours of undergraduate course work, of which at least 45 hours must be completed at Milligan. Twenty-eight hours of optometry school course work will be transferred back to Milligan to complete the 128 hours required for graduation. Students who are admitted to optometry school after 3 years at Milligan will have their Spiritual Formation Program credits prorated to a total of 115 hours (instead of the required 150 hours).

The limits on class size in most of the optometry programs may prevent acceptance of some qualified applicants. In the event a first application is unsuccessful, the program may be changed to a Chemistry or Biology major leading to a B.S. degree, and then application may be made a second time. To complete the biology degree (B.S.), students must take BIOL 310, 352. 360, 494, 8 hours of Biology electives, and enough hours of general electives to earn 128 hours. Students must also earn the additional Spiritual Formation Program credits. To complete the chemistry degree (biochemistry concentration) , students must take BIOL 310, 352, as well as CHEM 341, 410, and 411 along with enough hours of general electives for a total of 128 hours. Students must also earn additional Spiritual Formation Program credits.

Art

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the art major specifically endeavors to contribute to the development of students' God-given personalities and talents by increasing their application for and knowledge of human creativity. Within that context, the major in art cultivates the development of Christian artists who glorify God by striving for the highest standards of artistic excellence ministering to people through their art and contributing to the richness and beauty of life, both in the church and in society.

The art major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate a clear understanding of the fundamental skills, theories, principles, and technologies necessary in the making of art;
2. demonstrate the capacity to formulate a personal philosophy and aesthetic direction for their art;
3. demonstrate a basic understanding of the link between art making and the study of art history and current trends in art;
4. be capable of constructing intelligent standards for the critical evaluation of art.

One strength of the art major lies in its interdisciplinary nature, which allows a student to gain experience in various art forms. The art major is available only as a b**achelor of arts** degree; foreign language through the intermediate level is required.

Art major - B.A. (42 hrs)

Students completing the art major acquire a strong foundation in visual art skills, insights, and overall aesthetic awareness. Outstanding students are prepared to apply to graduate school, enabling them to teach college or to pursue careers as professional artists. The art world also provides numerous opportunities to well-trained creative young artists in related art vocations-gallery and museum work, arts organization jobs, and free-lance art.

Required courses in the major:

ART 110 Design Fundamentals (3 hrs)
ART 120 Fine Arts Colloquium (1 hr)
ART 237 Basic Photography (3 hrs)
ART 250 Drawing I (3 hrs)
ART 251 Painting I (3 hrs)
ART 350 Drawing II (3 hrs)
ART 351 Painting II (3 hrs)
ART 367 Art History I: American Art (3 hrs)
ART 368 19th Century European Art and Design (3 hrs)
ART 400 Field Studies in Fine Arts (1 hr)
ART 411 Printmaking Studio or ART 431 Sculpture Studio (3 hrs)
ART 421 The Arts, Faith and Culture (1 hr)
ART 490 Directed Studies (3 hrs)
ART 494 Senior Exhibition (3 hrs)
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)

Select from the following theatre courses for a total 3 hours:

THEA 130 Stagecraft (3 hrs)
THEA 141 Fundamentals of Voice & Stage Movement (3 hrs)
THEA 151 Introduction to Theatre (3 hrs)
THEA 230 Fundamentals of Theatrical Design (3 hrs)
THEA 240 Stage Makeup (3 hrs)
THEA 242 Fundamentals of Acting (3 hrs)
THEA 256 Theatre Practicum (1-3 hrs)
THEA 270 Theatre History (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)
THEA 345 Theatre for Young Audiences (1-3 hrs)

Total number of required hours: 42

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Art majors must complete a final project the senior fine arts capstone course, The Arts, Faith, and Culture (ART 421).

K-12 Teacher Licensure in Visual Arts

Milligan University offers a teacher licensure program in visual arts for grades K-12. Those interested in licensure to teach must major in Art. For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

Art minor

The art minor fits well with numerous majors, including but not limited to Bible, graphic design, humanities, interactive media design, and psychology. The study of art may serve to foster students' avocational interests as well as to prepare them for more concentrated art studies in the future. A minor in Art may be obtained by following the program of study listed below:

Required courses in the minor:

ART 110 Design Fundamentals (3 hrs)
ART 250 Drawing I (3 hrs)
ART 251 Painting I (3 hrs)
ART 367 Art History I: American Art or 368 19th Century European Art and Design (3 hrs)
ART/PHOTO/GRDS electives: additional 6 hours selected with approval of advisor

Total number of required hours: 18

Additional Opportunity:
Studio Arts College International (SACI) Semester in Florence, Italy
(www.saci-florence.edu)

Milligan University is a consortium partner institution with Studio Arts College International (SACI), a U.S.-accredited college of art and design in Florence, Italy. Students may apply to study their discipline for a semester abroad in Italy and take 15 hours of courses. Note that acceptance is not guaranteed; students wishing to apply must work with their academic advisors regarding this opportunity.

Bible

School of Bible and Ministry
Area of Biblical Learning

Bible minor

Because the Bible minor is intended strictly as a study of scripture, it is suitable for any student (except those with a Bible Area major) who desires a deeper foundation in the Bible. It consists of six courses, equally divided between Old Testament and New Testament and includes the basic survey classes (BIBL 123 and 124).

Required courses in the Bible minor:

BIBL 123 Old Testament Survey (3 hrs)
BIBL 124 New Testament Survey (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 additional hours of Old Testament courses
6 additional hours of New Testament courses

The following general education requirements are fulfilled in the minor:
6 hours of Old and New Testament Survey

Total number of required hours: 18

Biblical and Theological Studies

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Biblical and Theological Studies major specifically endeavors to provide students with a more focused study of the Bible, church history, and theology. The major is designed for students intent on pursuing graduate studies in preparation for a vocation of teaching.

The Biblical and Theological Studies major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an above-average facility with a biblical language through the intermediate level;
5. demonstrate an ability to conduct mentored research of a high caliber, culminating in a conference presentation;
6. demonstrate competency in teaching effectively;
7. offer evidence of the personal and spiritual maturity necessary for a vocation in teaching.

Biblical and Theological Studies - B.A.

Required courses in the major:

Bible (12 hrs)

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 hrs of Old Testament from BIBL 252, 301, 304, 343, 351, 352, 355, 405, or 432
3 hrs of New Testament from BIBL 202, 313, 321, 322, 324, 325, 328, 411, 412, or 452

BIBL 295 (Seminar), 489 (Directed Readings), and 495 (Seminar) may be suitable Old or New Testament electives, depending on course content. Approved seminary courses in Old or New Testament may also serve as electives.

Church History/Theology (12 hrs)

HIST 341 Church History (3 hrs)
HIST 342 Church History (3 hrs)
HIST 431 The Stone-Campbell Movement in the North American Context (3 hrs)
3 hrs of electives chosen from BIBL 473, CMIN 365, HIST/BIBL 323, HIST/BIBL 343, 344, HIST 250, 345, 346, 352, 432, and other approved church history or theology electives. Approved seminary courses in church history or theology may also serve as electives.

Approved Electives (12 hrs)

Approved electives in BIBL, CMIN, COMM, GREE, HEBR, HIST, PHIL, SOCL, and other undergraduate and seminary courses approved by the Area Chair and chosen in close consultation with the student's advisor.

Mentored Research (3 hrs)

BIBL 499A, 499B, 499C

Theological Integration (1 hr)

CMIN 480 Theological Integration

Total number of required hours: 40

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level. The Biblical and Theological Studies major requires the study of Greek or Hebrew through the intermediate level.

Capstone Assessment

Prior to graduation, Biblical and Theological Studies majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Accelerated BA+MDiv Plan

Highly motivated students interested in pursuing seminary after college can save a year of classes and tuition by completing both a bachelor's degree from Milligan University and a Master of Divinity (MDiv) from Emmanuel Christian Seminary at Milligan in just six years. With faculty approval, students on this path complete the following 30 hours of coursework at the seminary (with the exception of Greek) during their final two years as undergraduates: Elementary and Intermediate Greek (12 hrs); Elementary Hebrew (6 hrs); Old Testament Introduction (6 hrs); and New Testament Introduction (6 hrs). Undergraduate students must have a major in the Area of Biblical Studies. *Approval to declare the M.Div. accelerated plan is not a guarantee of admission to the M.Div. program.*

Biblical Languages minor

The Biblical Languages minor is particularly suited for those heading to seminary or graduate school and for others who desire a firm grounding in both Greek and Hebrew. It consists of two years of Greek and one of Hebrew.

Required courses in the Biblical Languages minor:

Two years of Greek:
GREE 111 (3 hrs)
GREE 112 (3 hrs)
GREE 221 or NTS 6010 (3 hrs)
GREE 222 or NTS 6020 ((3 hrs)

One year of Hebrew:
OTS 5010 (3 hrs)
OTS 5020 (3 hrs)

(NTS and OTS language classes are taught at the graduate level and eligible for advanced standing with credit.)

The following general education requirements are fulfilled in the minor:

12 hours of Greek which fulfill the language requirement for the B.A. degree.

Total number of required hours: 18

Biology

School of Sciences and Allied Health
Area of Scientific Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Biology major specifically endeavors to prepare students to excel in various careers in biomedical sciences, education, research, and government services.

The biology major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. demonstrate proficiency in the core biological disciplines of cell biology, genetics, ecology, organismal and population biology;
2. perform tasks and assignments which require critical thinking;
3. be capable of interpreting, evaluating, and clearly communicating scientific information in the verbal and written formats;
4. exhibit competence in biology at the level required for vocations in biology or post-baccalaureate education.

Pre-requirements for professional and paramedical programs and graduate school vary depending on the program and institution. Students must check the pre-requirements for entrance exams and admission to the programs they are interested in applying to and, with the help of their science advisor, adjust their course of study so that the institution's pre-requirements are met. It is strongly recommended that students meet with a science advisor to plan their course of study so that they sequence courses to complete the major in a timely and fitting way.

Biology major – B.A. or B.S.

Required courses in the major:
Foundations in Biology
BIOL 111 Principles of Biology I (4 hrs)
BIOL 112 Principles of Biology II (4 hrs)
BIOL 310 Genetics (4 hrs)
BIOL 352 Cell Biology (3 hrs)
BIOL 360 Ecology (4 hrs)
BIOL 494 Capstone Seminar (3 hrs)

Electives in Biology (Choose three: 12 hrs)
BIOL 362 Vertebrate Field Biology (4 hrs)
BIOL 371 Advanced Human Anatomy (4 hrs)
BIOL 372 Advanced Human and Mammalian Physiology (4 hrs)
BIOL 380 Microbiology and Immunology (4 hrs)
BIOL 385 Human Health and Disease (4 hrs)
BIOL 450 Molecular Biology (4 hrs)
CHEM 410 Biochemistry I (4 hrs)

Required Support Courses
CHEM 170 General Chemistry I (4 hrs)
CHEM 171 General Chemistry II (4 hrs)
CHEM 270 Organic Chemistry I (4 hrs)
CHEM 271 Organic Chemistry II (4 hrs)
MATH 211 Calculus I (4 hrs) **or** MATH 213 Statistics (3 hrs)

The following general education requirements are fulfilled in the major:
8 hours of laboratory science
3 hours of mathematics

Total number of required hours: 53 – 54

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Licensure

Milligan offers a secondary teacher licensure program in biology for grades 6-12. For information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

Capstone Assessment

Prior to graduation, Biology majors must complete the ETS Major Field Test in Biology. The exam is administered in the Biology Senior Seminar course (BIOL 494).

Biology minor

Required courses in the minor:

Foundations in Biology

BIOL 111 Principles of Biology I (4 hrs)
BIOL 112 Principles of Biology II (4 hrs)

Electives in Biology (12 hrs)

The following general education requirements are fulfilled in the minor:

8 hours of laboratory science

Total number of required hours: 20

Human Anatomy and Physiology minor

See "Human Anatomy and Physiology" section.

Business Administration

William B. Greene, Jr., School of Business & Technology
Area of Business

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mission of the Business Area is "to honor God by educating men and women to be servant leaders in business related fields." The business administration major prepares students for employment in various business-related areas and/or for the pursuit of advanced degrees in business-related fields by providing students with the broad base of knowledge and level of technical competence necessary to succeed and maintain their Christian values in a business setting. Core courses in economics, accounting, management, marketing, business law and ethics provide the foundation for further study in one of 11 concentrations offered by the major.

The business administration major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. develop a comprehensive and integrated understanding of the business discipline's major functional areas;
2. gain expertise in one or more areas of concentrated study.
3. synthesize and integrate information into the creation of oral presentations and coherent written arguments;
4. demonstrate knowledge of computer technology and mathematics sufficient to support the application of quantitative principles;
5. understand business administration with respect to Milligan's mission for servant leadership and the Christian faith.

The major allows the student to complete a strong core curriculum in business, accounting, and economics and to choose from one of eleven concentrations, allowing for in-depth study in a specific field. Students majoring in business administration with an accounting concentration may not minor in accounting. Students majoring in business administration with an economics concentration may not minor in economics. Students majoring in business administration with a health sector management concentration may not minor in health sector management. Students majoring in business administration with a legal studies concentration may not minor in legal studies.

Business Administration major - B.A. or B.S.

In addition to the 39 hours of Business Administration core courses, a student must complete hours in one of the following concentrations: accounting, economics, finance, general, health sector management, international business, legal studies, management, marketing, secondary education licensure, and sport management.

Accounting concentration

The accounting concentration enables business students to deepen their understanding of accounting concepts as they relate to the business organization. This concentration is recommended for students anticipating business careers requiring accounting knowledge at an advanced level, yet short of requiring an accounting major.

Required core courses

ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)

BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required hours in the concentration
ACCT 301 Intermediate Accounting I (3 hrs)
ACCT 302 Intermediate Accounting II (3 hrs)
ACCT 311 Managerial Accounting (3 hrs)

These general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours for a Business Administration major with a concentration in Accounting: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Economics concentration

The economics concentration provides students with a deeper exposure to economic principles and institutions from an historical and modern perspective. The concentration is recommended as an alternative for students interested in careers in banking, finance, or economics.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
ECON 311 Intermediate Macroeconomics (3 hrs)
ECON 312 Intermediate Microeconomics (3 hrs)
Economics elective at the 300 or 400 level (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in Economics: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Finance concentration

The finance concentration provides students with a deeper exposure to modern financial theory related to asset pricing, portfolio development and the mechanisms by which economic factors influence financial markets. The concentration is recommended as an alternative for students interested in careers in banking, finance, or economics.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
ECON 401 Advanced Topics in Corporate Finance (3 hrs)
ECON 403 Money, Banking, and Monetary Theory (3 hrs)
ECON 420 Investments (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in Finance: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

General concentration

The general concentration allows students to select any nine hours of course work from economics, business administration, or accounting. This concentration is generally intended for those selecting business administration as a second major and is available with advisor permission only.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
Any 9 hours from the following: Accounting, Business Administration, or Economics

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a General concentration: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Health Sector Management concentration

The health sector management concentration is intended to prepare the student for an administrative career in the health care industry.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
BADM 380 Intro to Health Care Administration (3 hrs)
BADM 480 Long-Term Care Administration (3 hrs)
BADM 481 Policies and Issues in Health Care (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics
Total number of required hours in the Business Administration with a concentration in Health Sector Management: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

International Business concentration

Students may select a concentration in international business by either completing the required coursework at Milligan or by participating in a ten-week academic program abroad through Milligan's affiliation with the International Business Institute (endorsed by the Council for Christian Colleges and Universities). Completion of this concentration requires the student to attend the Institute during a summer session following completion of the required core courses at Milligan University. A student's course of study can often be designed so that graduation is possible following seven semesters of study at Milligan in addition to the summer Institute. Students pursuing the international business concentration are strongly encouraged to demonstrate competency in a foreign language through, at least, the intermediate level.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
Students must complete one of the following course sequences:
12 hours through the International Business Institute
BADM 339 Global Marketing (3 hrs)
BADM 390 Global Business Mgt. and Strategy (3 hrs)
ECON 331 Comparative Economic Systems (3 hrs)
ECON 350 International Trade and Finance (3 hrs)
OR
BADM 250 Introduction to Microfinance (3 hrs)
ECON 350 International Trade and Finance (3 hrs)
ECON 460 History of Economic Thought (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in International Business: 49 or 52

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Legal Studies concentration

The legal studies concentration is designed to provide business administration majors a deeper understanding and exposure to legal issues affecting business. The concentration is recommended for any business administration student who anticipates a business career requiring a legal background.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)

ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
ACCT 412 Federal Income Taxation (3 hrs)
BADM 322 Business Law II (3 hrs)
LS 304 Law, Politics, and Global Development (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours for a Business Administration major with a concentration in Legal Studies: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Management concentration

The management concentration consists of courses designed to prepare students for successful careers in business and organizational management or administration.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
BADM 301 Introduction to Leadership in Organizations (3 hrs)
BADM 362 Human Resource Management (3 hrs)
BADM 365 Operations Management or 375 Small Business Management (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in Management: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Marketing concentration

Students wishing to pursue careers in marketing, sales, or advertising should select the marketing concentration.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
BADM 304 Advertising (3 hrs)
BADM 317 Consumer Behavior (3 hrs) or BADM 318 Marketing Research (3 hrs)
BADM 418 Marketing Management (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours for a Business Administration major with a concentration in Marketing: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Pre-MBA concentration

Undergraduate students wishing to continue their business education for an additional year through the MBA program should complete this as a second concentration within the business administration major.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required first concentration (9 hours)

Required courses in the pre-MBA concentration
IS 520 Information Systems (3 hrs)
BADM 491 Internship (3 hrs)

BADM 385 Personal and Professional Development or BADM 491 Internship (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours for a Business Administration major with a second concentration in pre-MBA: 58

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Secondary Education Licensure*

The secondary education licensure concentration consists of six hours of additional courses, preparing students to teach business education on the secondary level (grades 6 – 12).

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
BADM 210 Survey of Business (3 hrs)
IS 218 Web Development (3 hrs)
IS 420 Networking and Communication (3 hrs)

*** In addition to completing courses in the concentration, students also complete the courses listed under Secondary Education Licensure in the Education section of the catalog.** For a listing of the general education requirements for secondary education, please see the listing in the Education section of the catalog.

To add an endorsement in business technology, the student must complete the following courses in addition to the major requirements and the courses listed in the Secondary Education Licensure section of the catalog:

IS 297 Object-Oriented Programming-C# (3 hrs)
IS 341 Systems Analysis and Design (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in Secondary Education: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Sport Management concentration

The sport management concentration consists of courses designed to prepare students for successful careers in the growing field of sport management.

Required core courses
ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
BADM 110 Introductory Seminar in Business Fundamentals (1 hr)
BADM 315 Marketing (3 hrs)
BADM 321 Business Law I (3 hrs)
BADM 340 International Business and Economics (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 421 Business Ethics (3 hrs)
BADM 470 Business Strategy (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
IS 175 Computer Applications (3 hrs)
MATH 213 Statistics (3 hrs)

Required courses in the concentration
BADM 382 Sport Marketing (2 hrs)
BADM 383 Sport Finance (2 hrs)
BADM 384 Sport Facilities (2 hrs)
EXSC 404 Organization and Management of Physical Education and Sport (3 hrs)

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of mathematics

Total number of required hours in the Business Administration major with a concentration in Sport Management: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Business Administration majors must complete a Peregrine Academic Services (PAS) exam that aligns question content with nationally recognized accreditation standards. This exam is administered as a part of the capstone course (BADM 470 Business Strategy).

Accelerated Bachelor's/Master's Plan (5 Year BS/MBA)

Exceptional Milligan undergraduate business administration majors with demonstrated leadership potential, outstanding grades (must have a 3.25 or above cumulative GPA at undergrad graduation), and personal maturity may be eligible for the accelerated bachelor's + MBA plan. This is a 4+1 (5 year) plan that gives students the opportunity to complete the MBA program in one academic year (+ May term) after receiving a bachelor's degree. With faculty approval, students take a specific set of MBA prerequisites during their undergraduate program, apply to the MBA program during their senior year, and take an MBA class during their senior year if qualified. If admitted, the student may then complete the MBA program the following year, while

maintaining full-time employment. *Approval to complete the Accelerated MBA Preparation Concentration is not a guarantee of admission to the Milligan MBA program.*

Business Administration minor

Required courses in the minor:

ACCT 211 Introductory Accounting I (3 hrs)
BADM 315 Marketing (3 hrs)
BADM 361 Principles of Management (3 hrs)
ECON 201 Macroeconomic Principles or 202 Microeconomic Principles (3 hrs)
IS 175 Computer Applications (3 hrs)
Accounting, business administration, or economics electives at the 300 or 400 level (6 hrs)

The following general education requirement is fulfilled in the minor:

3 hours of social learning

Total number of required hours: 21

Business Administration: Adult Degree Completion Program (ADCP)

William B. Greene, Jr., School of Business & Technology
Area of Business

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mission of the Business Area is "to honor God by educating men and women to be servant leaders in business related fields." The business administration major specifically endeavors to provide students with the broad base of knowledge and level of technical competence necessary to succeed in a business setting. Core courses in management, marketing, business law, and ethics expose students to the fundamental principles of business administration while providing the preparation necessary to continue study in upper level courses. The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from an historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. Core courses in accounting provide students the requisite knowledge for understanding the financial aspects of the business enterprise. All core courses, as well as those within each concentration, constitute the academic basis for graduate study in business and related fields.

The business administration major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. develop a comprehensive and integrated understanding of the business discipline's major functional areas;
2. gain expertise in one or more areas of concentrated study;.
3. synthesize and integrate information into the creation of oral presentations and coherent written arguments;
4. demonstrate knowledge of computer technology and mathematics sufficient to support the application of quantitative principles;
5. understand business administration with respect to Milligan's mission for servant leadership and the Christian faith.

Business Administration major - B.S.

General Education Requirements (46-48 hrs)

BIBL 123 Old Testament Survey (3 hrs)
BIBL 124 New Testament Survey (3 hrs)
BIBL 471 Christ and Culture (3 hrs)
COMP 111 Rhetorical Composition (3 hrs)
COMP 211 Inquiring Minds: Foundational Analytical Composition (3 hrs)
Ethnic Studies course (3 hrs)
EXSC 101 Fitness for Life (1 hr)
Humanities (15 hours)
Lab science course (4 hours)
Lab or non-lab science course (2-4 hours)
Mathematics course (3 hrs)
Social Learning course (3 hrs)

These general education requirements are fulfilled in the major:

3 hours of social learning
3 hours of mathematics

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above.

In addition to the 39 hours of Business Administration core courses, a student must complete nine hours to obtain a concentration within the Business Administration major. The Management concentration is offered through the ADCP.

Management concentration

The management concentration consists of courses designed to prepare students for successful careers in business and organizational management or administration.

Required core courses

ACCT 211B Introductory Accounting I (3 hrs)
ACCT 212B Introductory Accounting II (3 hrs)
BADM 315B Principles of Marketing (3 hrs)
BADM 323B. Business Law I (3 hrs)
BADM 340B. International Business and Economics (3 hrs)
BADM 361B Principles of Management (3 hrs)
BADM 421B Business Ethics (3 hrs)
BADM 470B Business Strategy (3 hrs)
ECON 201B Macroeconomic Principles (3 hrs)
ECON 202B Microeconomic Principles (3 hrs)
ECON 301B Corporate Finance (3 hrs)
IS 175B Computer Applications (3 hrs)
MATH 213B Business Statistics (3 hrs)

Required courses in the concentration

BADM 362B Human Resource Management (3 hrs)
BADM 363B Organizational Leadership (3 hrs)
BADM 365B Operations Management (3 hrs)

Total number of required hours in the Business Administration major with a general concentration (ADCP): 48

Completing the major takes approximately 16 months. Completion of the degree is dependent upon the outstanding degree requirements. Therefore, the time necessary to complete the degree can be better identified after the degree plan is filed (prior to admittance into the major).

Capstone Assessment

Prior to graduation, Business Administration majors must complete a Peregrine Academic Services (PAS) exam that aligns question content with nationally recognized accreditation standards. This exam is administered as a part of the capstone course (BADM 470B Business Strategy).

Admission Criteria

1. Completion of 40 or more semester hours, confirmed by official transcripts and evaluated by the Registrar's Office
2. At least 21 years of age at time of application
3. Two years of documented full-time employment or its part-time equivalent
4. Good standing at previously attended institutions with a cumulative GPA of 2.0 (on 4.0 scale)
5. Submission of two positive references-one character and one employer
6. Acceptance of the lifestyle statement as evidenced by completing and signing the application form
7. Submission of completed application and payment of the non-refundable application fee ($30)

Probationary Admission

The Admissions Committee has the option of admitting on academic probation any student with a cumulative GPA slightly below 2.0. Probationary status continues until the 2.0 is achieved. Failure to achieve the minimum grade point average by the end of the term may result in dismissal.

Enrollment Confirmation

Confirmed admission to the group is granted on the date the enrollment confirmation form is received in the Office for Graduate and Professional Studies.

Credit by Examination

See *Credit by Examination* in the *Academic Policies* section of the Catalog.

Testing

1. At least one term of work must be completed at Milligan University before credit earned by testing will be recorded on the transcript.
2. No credit by exam will be allowed after a student has finished two terms in the Milligan ADCP program.
3. A maximum of 32 semester hours can be earned by testing.

Returning Students

A student requesting readmission should contact the Office of Graduate and Professional Studies to obtain the link for the application for readmission. If the student has been academically or socially dismissed, the University will implement the following process in reviewing the application:

1. GPS personnel will review the student's application in consultation with the registrar and the program's area chair, including the student's original academic records and any courses completed since the suspension;
2. Social dismissal records will be reviewed with the Dean of Students.
3. If there is reason to believe that the student will profit from another opportunity to do college work, he/she will be permitted to enroll with probationary status following at least one ADCP term out of class.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Second Bachelor's Degree

A student who holds the bachelor's degree in another field may elect to earn a second bachelor's degree in order to have a major in business administration. Students seeking a second degree must complete all forty-eight semester hours in the major at Milligan University and meet all the University's general education requirements (see General Education Requirements). Students who seek a second bachelor's degree may be eligible for financial aid. Questions regarding financial aid for a second degree are directed to the Financial Aid Office (423.461.8949 or 800.447.4880).

Tuition and Fees

See *Tuition for Degree Completion Programs* in the *Financial Information* section of the catalog for tuition and fee information. Students who must complete courses in addition to the major may register for additional courses at Milligan University. Tuition charges are based upon the current rate multiplied by the number of credit hours attached to the course(s).

For financial aid, refer to the *Financial Aid* section of the catalog for additional information, or call the Financial Aid Office (800-447-4880).

Tuition Reimbursement

All students who use tuition reimbursement from their employer to pay their tuition must present a letter from the employer stating the company's reimbursement policy and the employee's eligibility. Milligan University will work with the student and the employer and does not require tuition payment in advance.

Institutional Scholarships

Institutional scholarships are not available for students pursuing the ADCP Business Administration major. ADCP students are eligible to apply for state and federal tuition assistance programs, for employer reimbursement when

applicable, and any other scholarship programs.

Degree Requirements

The student who completes the Bachelor of Science degree with a major in business administration must meet all general education requirements (GER). Students are not required to complete a minor; elective hours can constitute the balance of the degree. The degree requirements are as follows:

1. Successful completion of 128 semester hours
2. Successful completion at Milligan University of the forty-eight semester hours in the business administration major
3. A cumulative grade point average of 2.0 on all work (4.0 scale)
4. Successful completion of the general education requirements
5. Completion of the senior examination

General Education Requirements (GER)

Some general education requirements (GER) are met in the ADCP business administration major. Students who choose to complete a second major are not required to complete any additional GER. General education requirements are graduation requirements and, thus, are not an admission factor.

ADCP Class Drop Policy

Students who choose to drop an ADCP class must notify the Office for Graduate and Professional Studies. A staff member from that office will assist with the completion of the appropriate paperwork to effect the class drop. Students are encouraged to check with Student Financial Services before dropping a class in the ADCP Program to discuss financial aid implications.

ADCP classes dropped prior to the first night of class will not appear on the student's transcript. Students may drop an ADCP class with a grade of "W" based upon the following schedule:

Class Length	**Deadline for Dropping with Grade of "W"**
Five weeks	End of 3rd class meeting
Eight weeks	End of 6th week of class

Students dropping an ADCP class after the deadlines indicated above will be assigned a grade of "WP" ("withdrawal, passing") or "WF" ("withdrawal, failing, and equivalent to an 'F'") at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions.

Any refund of tuition or fees in case of dropping a class is governed by the refund policy in the finances section of the Catalog.

ADCP Program Withdrawal Policy

ADCP Program withdrawal entails the dropping of all ADCP classes in a current term and the ending of the student's enrollment at the University.

Intentional Withdrawal

ADCP students intentionally withdraw when they drop all classes in which they are enrolled in a current term and complete the appropriate paperwork to withdraw from the University.

Administrative Withdrawal

The university may administratively withdraw ADCP students who are not attending class, who fail to meet the prerequisite(s) for a particular class, or who otherwise are not demonstrating serious academic effort.

ADCP classes dropped prior to the first class meeting and as the result of an intentional or administrative withdrawal will not appear on the student's transcript. Withdrawals will result in class grades of "W" for incomplete classes when the withdrawal takes place within the following time limits of a particular ADCP class:

Class Length	**Deadline for Receiving Grade of "W" Due to Withdrawal**
Five weeks	End of 3rd class meeting
Eight weeks	End of 6th week of class

Administrative withdrawals occurring after the above time limits will result in a grade of "WP" or "WF" for the class currently under way at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions.

Any refund of tuition or fees in case of program withdrawal is governed by the refund policy in the finances section of the Catalog. No adjustments or refunds are granted to persons dismissed from a term or program for reasons related to academic performance or academic integrity.

Failing Grades/Incomplete

A student who fails a course (grade of "F") can be permitted to continue with the same group in subsequent courses for the term so long as the course failed is not a prerequisite to the following course. However, the course in which the failing grade was earned must be repeated successfully prior to graduation. (See also "Probation and Dismissal" below.) Grades of "Incomplete," or "I," are given at the end of a course only when there is evidence that a significant event or issue interfered with a student's successful completion of the course. Faculty assigning a grade of "I" must complete an "Incomplete Contract" and submit it to the Registrar's Office. The student must resolve the "I" within six weeks of the course's final meeting through continuing work with the instructor. Only under extraordinary circumstances can the student apply for an incomplete grade and the six-week extension to resolve the "incomplete" grade. Students are reminded to make every effort to avoid "I" grades that are recorded on the transcript.

Repeating Courses

Any student who must or wishes to repeat a course may do so on a space-available basis. Tuition is paid for any repeated courses at the current tuition rate for the group with which the student will meet for that repeated course. See Course Repeat Policy under Academic Policies in this Catalog.

Course Attendance

Because of the concentrated scheduling and the concentration upon participatory learning, students need to attend every class meeting. Please note that the concentration is on attendance in a course. Students are expected to arrive on time for each class session. Attendance has a positive effect upon the learning that occurs in any course, but attendance is particularly important in condensed courses. Although emergencies may cause a student to be late for class or actually to miss an entire session, such situations should be the exception rather than the rule. When an emergency requires tardiness or absence, it is the student's responsibility to contact the instructor about missed assignments and class content. Making arrangements with a classmate to receive copies of class notes or a tape of the class can be useful but cannot equal attending class. Excessive absence can result in administrative withdrawal and/or failure of the course.

Calendar and Student Load

Students enroll in major courses to total twelve semester hours each term. It is recommended that the student not enroll in any additional courses outside the major. However, those students who conclude that additional course work is prudent may take non-major courses if the student has the prior written consent of both the program director of the adult degree completion programs and associate registrar. Document written consent is obtained on a Course Approval Form: available in the Office for Graduate and Professional Studies. If the student fails to obtain written consent for non-major courses, Milligan University is not committed to apply those hours toward degree requirements. Although completion of all degree requirements is ultimately the responsibility of the student, this procedure supports accurate academic advising.

Probation and Dismissal
See the *Probation and Dismissal Policy* under *Academic Policies* in the Catalog.

Commencement
Degree candidates are encouraged to participate in commencement ceremonies; ceremonies are conducted in May and December each year. Candidates for a degree are identified through their completion of the "Intent to Graduate" form. Degree candidates must have met all degree requirements and the student's account must be paid in full prior to commencement. Arrangements must be completed as early as possible through the Registrar's Office, the Office for Graduate and Professional Studies, and the Business Office

Chemistry

School of Sciences and Allied Health
Area of Scientific Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the chemistry major specifically endeavors to prepare students to excel in various careers in industry, research, or the biomedical sciences.

The chemistry major/program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate proficiency in three or more of the four major branches of chemistry (inorganic, organic, analytical, and physical);
2. demonstrate skills in laboratory practices and instrumental techniques;
3. be capable of interpreting, evaluating, and clearly communicating scientific information in the verbal and written formats;
4. exhibit competence in chemistry at the level required for vocations in chemistry or post-baccalaureate education.

Pre-requirements for paramedical and professional programs and graduate school vary depending on the program and the institution. Students must check the pre-requirements for admission to the programs they are interested in applying to and, with the help of their advisor, adjust their course of study so that the institution's pre-requirements are met. It is strongly recommended that students meet with a science advisor to plan their course of study so that they sequence courses to complete the major in a timely and fitting way.

Chemistry major – B.A. or B.S.
General concentration

Required courses in the major

Foundations in Chemistry
- CHEM 170 General Chemistry I (4 hrs)
- CHEM 171 General Chemistry II (4 hrs)
- CHEM 270 Organic Chemistry I (4 hrs)
- CHEM 271 Organic Chemistry II (4 hrs)
- CHEM 340 Analytical Chemistry I: Quantitative Analysis (4 hrs)
- CHEM 341 Analytical Chemistry II: Instrumental Analysis (4 hrs)
- CHEM 401 Physical Chemistry I: Thermodynamics (4 hrs)
- CHEM 402 Physical Chemistry II: Quantum Mechanics (3 hrs)
- CHEM 405 Advanced Inorganic Chemistry (3 hrs)
- CHEM 494 Capstone Seminar (3 hrs)

Required Support Courses
- MATH 211 Calculus I (4 hours)
- MATH 212 Calculus II (4 hrs)
- PHYS 203 General Physics I (4 hrs)
- PHYS 204 General Physics (4 hrs)

The following general education requirements are fulfilled in the major:
- 8 hours of laboratory science
- 3 hours of mathematics

Total number of required hours: 53

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment
Prior to graduation, Chemistry majors must complete the ETS Major Field Test in Chemistry. The Director of Testing will email students with information about the testing date/location in their final semester.

Chemistry major – B.A. or B.S.
Biochemistry concentration

Required courses in the major

Foundations in Biochemistry

- BIOL 111 Principles of Biology I (4 hrs)
- BIOL 310 Genetics (4 hrs)
- BIOL 352 Cell Biology (3 hrs)
- CHEM 170 General Chemistry I (4 hrs)
- CHEM 171 General Chemistry II (4 hrs)
- CHEM 270 Organic Chemistry I (4 hrs)
- CHEM 271 Organic Chemistry II (4 hrs)
- CHEM 341 Analytical Chemistry II: Instrumental Analysis (4 hrs)
- CHEM 410 Biochemistry I (4 hrs)
- CHEM 411 Biochemistry II (4 hrs)
- CHEM 494 Capstone Seminar (3 hrs)

Electives – choose one (4 hrs)

- BIOL 380 Microbiology and Immunology (4 hrs)
- BIOL 450 Molecular Biology (4 hrs)

Essential support courses

- MATH 211 Calculus I (4 hrs)
- PHYS 203 General Physics I (4 hrs)
- PHYS 204 General Physics II (4 hrs)

The following general education requirements are fulfilled in the major:

- 8 hours of laboratory science
- 3 hours of mathematics

Total number of required hours: 58

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment
Prior to graduation, Chemistry majors must complete the ETS Major Field Test in Chemistry. The Director of Testing will email students with information about the testing date/location in their final semester.

Licensure
Milligan offers a secondary teacher licensure program in chemistry for grades 6-12. For information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

Chemistry minor

Required courses in the minor:

- CHEM 170 General Chemistry I (4 hrs)
- CHEM 171 General Chemistry II (4 hrs)
- CHEM 270 Organic Chemistry I (4 hrs)
- Chemistry Electives: 8 hrs

The following general education requirements are fulfilled in the minor: 8 hours of laboratory science

Total number of required hours: 20

Child and Youth Development

School of Social Sciences and Education
Area of Education

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Child and Youth Development major/program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The Child and Youth Development major/program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. Use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.
3. Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.
4. Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.
5. Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. Uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. Seek opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

**Based on the InTASC Model Core Teaching Standards.

Completion of the program prepares an individual for employment in a variety of settings including military youth programs and private, governmental, and nonprofit early childhood programs such as Head Start, church preschools, military child development centers, and other settings that do not require public school licensure. With the successful completion of the non-licensure concentration and additional courses, the program can lead to licensure for persons who wish to teach in K-5/PreK-12 English as a Second Language. The child and youth development program includes

general education courses, core courses for the major, and a concentration in either licensure or non-licensure tracks.

Students must complete the general education requirements, the core requirements, and the requirements for one of the five concentrations.

The senior exit exam for the Child and Youth Development major is the edTPA exam for licensure-seeking students or a faculty-created exam for non-licensure-seeking students.

Child and Youth Development major – B.A. or B.S.

General Education Requirements (53-65 hrs)

BIBL 123 Old Testament Survey (3 hrs)
BIBL 124 New Testament Survey (3 hrs)
BIBL 471 Christ and Culture (3 hrs)
BIOL 110 General Biology (4 hrs)
COMM 102 Speech Communications (3 hrs)
COMP 111 Rhetorical Composition (3 hrs)
COMP 211 Inquiring Minds: Foundational Analytical Composition (3 hrs)
GEOG 202 Cultural and Ethnic Geography (3 hrs)
EXSC 101 Fitness for Life (1 hr)
HUMN 101 Ancient and Medieval Cultures (4 hrs)
HUMN 102 Renaissance and Early Modern Cultures (4 hrs)
HUMN 201 Eighteenth- and Nineteenth-century Cultures (4 hrs)
HUMN 202 Cultures of the Twentieth and Early Twenty-first Centuries (4 hrs)
MATH 153 Fundamental Concepts (3 hrs) [math course]
MLGN 100 Introduction to College and Service (.5 hr)
MLGN 200 Introduction to Calling and Career (.5 hr)
PHYS 104 Earth and Space Science (4 hrs) [second science requirement]
SOCL 201 Introduction to Sociology (3 hrs)
If BA degree, Intermediate level proficiency in foreign language (3 - 12 hrs) is required

Required core courses in the major (14 unduplicated hrs)

BIOL 110 General Biology (4 hrs) [lab science] (required GER class)
EDUC 231 Psychology and Education of Exceptional Students (3 hrs)
EDUC 233 Child Guidance or EDUC 234 Classroom Management (2 hrs) or EDUC 480 Behavior Support for Students with Disabilities (3 hrs)
GEOG 202 Cultural and Ethnic Geography (3 hrs) [ethnic studies course]
PHYS 104 Earth and Space Science (4 hrs) [second lab science requirement]
PSYC 253 Child Development or 254 Adolescent Development (for K-5 licensure) (3 hrs)
PSYC 356 Cross-Cultural Psychology (3 hrs)
SOCL 201 Introduction to Sociology (3 hrs) [SL course]
SOCL 303 Family ***or*** EDUC 403 Parent Education and Involvement (3 hrs)

Non-licensure concentration (16 hrs)

EDUC 150 Introduction to Education (2 hrs)
EDUC 355 Integrated Literacy I (3 hrs)
EDUC 407 Elementary Curriculum and Methods (3 hrs)
EDUC 440 Engaging Children through Diversified Strategies (2 hrs)
EDUC 443 Practicum (3 hrs)
ENGL 354 Children's Literature (3 hrs)

Students may also obtain Tennessee state licensure to teach in kindergarten through fifth grade by completing the Child and Youth Development major with the licensure option.

K-5/ESL licensure concentration

(Requires admission to the professional level of teacher education)

The coursework below is in addition to General Education Requirements and Core listed above.

Concentration in Elementary Education with K-5/ESL Licensure (67 hrs)

EDUC 440 Engaging Children through Diversified Strategies (2 hrs)
ENGL 354 Children's Literature (3 hrs)
GNSC 350 Basic Applications of Scientific Principles (2 hrs)
HIST 209 U S History Survey I (3 hrs)
HIST 210 United States History Survey II (3 hrs)
EXSC 440 Health and Physical Education Methods (2 hrs)
MATH 253 Fundamental Concepts or EDUC 253 Teaching Math to ECE/Elementary Students (3 hrs)
Foreign language courses (6 hrs)

Educational Studies

EDUC 150 Introduction to Education (2 hrs)
EDUC 152 Technology in Education (1 hr)
EDUC 301 Early Childhood and Elementary Foundations (3 hrs)
EDUC 319 Assessment for Early Childhood and Elementary Educators (3 hrs)
EDUC 355 Integrated Literacy I (3 hrs)
EDUC 356 Integrated Literacy II (3 hrs)
EDUC 407 Elementary Curriculum and Methods (3 hrs)
EDUC 409 Secondary Curriculum and Methods (5 hrs)
EDUC 438 Teaching English Language Learners (3 hrs)
EDUC 443 ELL Practicum: Teaching English Language Learners (3 hrs)
EDUC 446 Seminar in Teaching, Assessment, and Reflection (1 hr)
EDUC 451 Student Teaching: Elementary (12 hrs)
EDUC 460 Capstone Seminar (1 hr)

Concentration in Special Education with K-8 Interventionist Licensure (55 hrs) **

ENGL 354 Children's Literature (3 hrs)
GNSC 350 Basic Applications of Scientific Principles (2 hrs)
HIST 209 U S History Survey I (3 hrs)
HIST 210 United States History Survey II (3 hrs)
MATH 253 Fundamental Concepts or EDUC 253 Teaching Math to ECE/Elementary Students (3 hrs)

Educational Studies

EDUC 150 Introduction to Education (2 hrs)
EDUC 152 Technology in Education (1 hr)
EDUC 319 Assessment for Early Childhood and Elementary Educators (3 hrs)
EDUC 355 Integrated Literacy I (3 hrs)
EDUC 356 Integrated Literacy II (3 hrs)
EDUC 364 Special Education Foundations (3 hrs)
EDUC 386 Parent and Stakeholder Collaboratioon (3 hrs)
EDUC 407 Elementary Curriculum and Methods (3 hrs)
EDUC 446 Seminar in Teaching, Assessment, and Reflection (1 hr)
EDUC 457 Student Teaching: K-8 Interventionist (12 hrs)
EDUC 460 Capstone Seminar (1 hr)
EDUC 480 Behavior Support for Students with Disabilities (3 hrs)
EDUC 483 Methods of Instruction in Special Education (3 hrs)
** Pending final approval from the Tennessee Office of Educator Licensure and Preparation.

Concentration in Special Education with 6-12 Interventionist Licensure (57 hrs) **

GNSC 350 Basic Applications of Scientific Principles (2 hrs)
HIST 209 U S History Survey I (3 hrs)
HIST 210 United States History Survey II (3 hrs)
MATH 253 Fundamental Concepts or EDUC 253 Teaching Math to ECE/Elementary Students (3 hrs)

Educational Studies

EDUC 150 Introduction to Education (2 hrs)
EDUC 152 Technology in Education (1 hr)
EDUC 321 Assessment for Instruction (3 hrs)
EDUC 355 Integrated Literacy I (3 hrs)
EDUC 356 Integrated Literacy II (3 hrs)
EDUC 357 Disciplinary Literacy (3 hrs)
EDUC 364 Special Education Foundations (3 hrs)
EDUC 386 Parent and Stakeholder Collaboratioon (3 hrs)
EDUC 409 Secondary Curriculum and Methods (5 hrs)
EDUC 446 Seminar in Teaching, Assessment, and Reflection (1 hr)
EDUC 458 Student Teaching: 6-12 Interventionist (12 hrs)
EDUC 460 Capstone Seminar (1 hr)
EDUC 480 Behavior Support for Students with Disabilities (3 hrs)
EDUC 483 Methods of Instruction in Special Education (3 hrs)
** Pending final approval from the Tennessee Office of Educator Licensure and Preparation.

Verification of CPR and/or first aid competency and a successful background check is required for all field experiences and clinical placements.

Admission to the Teacher Education Program

Students who intend to pursue professional teacher licensure will move through three formal progression stages.

Stage 1:
Students will review/create a Program of Study with their assigned education advisor. Students will complete the Verification of Knowledge form (obtained from the Education advisoer and returned to their advisor). Students will complete a TBI background check and show proof of current CPR/First Aid competency. Students must show writing competency by passing on the of the following: ACT with writing, SAT, or CORE writing exam. Candidaes must achieve an ACT score of 21 or higher, or an SAT score of 1080 or higher, or pass the CORE reading, writing, and math exams with Tennessee Department of Education (TNDOE) required scores. Students must pass EDUC 150, EDUC 152, and EDUC 253. Students must achieve a GPA of 3.0 or higher on at least 30 credit hours. Students must maintain positive disposition ratings.

Stage 2:
Students must maintain a GPA of 3.0 or higher and pass all EDUC courses at the 300 level of above with a B- or better. Students must maintain positive disposition ratings. Students complete TEAM assessments (planning, instruction, environment). Students will complete an ethics exam and the Technology Rubric. Students must pass the Praxis II conetne knowledge exam for their endorsement. Students must complete the Application for Student Teacing, have current CPR/First aid certification, purchase professional liability insurance, and have a background check on file that is no more than one year old at the time of placement in student teaching.

Stage 3:
Students much maintain positive disposition ratings. Students will complete TEAM forms (planning, instruction, environment, professional). Students will complete the technology rubric. Students will complete remaining Praxis exams for their endorsements as well as the required edTPA exam.

Successful navigation through required stages does not guarantee continuance or completion. The teacher education faculty may recommend that a student not continue in the program if determined that such action is in the interest of Milligan University, the teacher student, or the profession. The student will then be administratively withdrawn from the program.

Licensure

Teacher students complete supervised field experiences and student teaching in public partner schools in nearby communities. During the final term, students complete a full-time student teaching experience and participate in a series of associated capstone seminars designed to provide opportunities to reflect on relationships between theory and practical experiences in education. Students will complete all key assessments required throughout the program in order to progress to graduation. Final assessment of program outcomes (as reflected in the key assessments and the student teaching experience) is a critical component of the capstone seminar. A passing grade in the capstone seminar reflects program completion and will not be awarded until program outcomes are met. (M.Ed. students must also pass all required Praxis and edTPA exams to earn a passing grade in Capstone Seminar.) Early completion of all Praxis tests is strongly recommended to ensure the receipt of all credentials including one's academic transcript demonstrating program completion for submission to state regulatory agencies for licensure. The edTPA exam is completed during student teaching. Teacher students should anticipate various fees related to state licensure requirements. Fees will be incurred for completion of the Core Academic Skills for Educators tests and the Praxis and edTPA exams, for purchase of professional liability insurance, for verification of CPR and/or first aid proficiency and any other licensure requirements mandated by the State of Tennessee. Milligan University is approved by the Tennessee Department of Education for teacher education and is accredited by the Council for the Accreditation of Educator Preparation (CAEP). Successful completion of this program leads to recommendation for Tennessee licensure. Meeting all Tennessee licensure requirements is mandatory, even for those who intend to move to other states for employment. Through state reciprocal licensure agreements, some Milligan graduates also attain licensure in other states. Accreditation by CAEP ensures that a teacher education degree from Milligan is instantly recognized in Tennessee and the nation for its quality. Research has shown that graduates from CAEP institutions significantly outperform those from non-CAEP institutions on National Teacher Examinations. Milligan's commitment to meet CAEP standards means that each graduate of teacher education programs gains the knowledge, skills, and dispositions needed for success as a professional educator.

Assessment

Teacher students are required to complete all key assessments as outlined in the progression points documenting their mastery of applicable Milligan University program outcomes. Key assessments are organized around outcome statements based upon Interstate Teacher Assessment and Support Consortium (InTASC) standards and must be submitted during the student teaching semester. Initial and continuing full progression status is contingent upon periodic review of key assessments.

Additionally, Child and Youth Development majors *who are not pursuing teacher licensure* must complete a faculty-created senior exam prior to graduation. The Director of Testing will email students with information about testing dates in their final semester.

Student Teaching

Approval to student teach is granted only to teacher students who have progressed to Stage 3 in the progression points and who maintain eligibility at that level. In addition to meeting established minimum grade point averages and Tennessee-approved Core scores, approval to student teach requires:

1. A minimum overall 3.0 grade point average;
2. A minimum grade of C-minus in all courses in the academic major;
3. A minimum grade of B-minus in all required teacher education courses in the program of study numbered 300 and above;

4. A passing score on the content Praxis exam(s) (due 3 weeks before the last day of class the semester before student teaching would begin);
5. Professional liability insurance;
6. Verification of CPR and/or first aid proficiency;
7. Submission of a TBI background check indicating no areas of concern;
8. Positive review by the Admission and Retention Committee based on:
   a. positive disposition ratings from prior mentors and supervisors
   b. demonstrated competence in lesson plan development
   c. demonstrated ability to interact effectively with students in classroom settings
9. An application submitted to the Certification Officer no later than midterm of the semester before student teaching would begin.

The student should expect to take no more than thirteen hours of credit (twelve hours of student teaching, one hour of the capstone seminar) during the student teaching semester. Employment and other substantial extracurricular activities during the student teaching semester are strongly discouraged. Taking additional classes or working without written permission from the mentor, supervisor, and area chair is grounds for dismissal from student teaching Prerequisite course work includes all professional level education courses and all courses in the academic major.

Student teaching is an experience in instruction, assessment, and classroom management in an assigned partner school, combined with initial orientation classes and periodic evening workshops and seminars. Student teacher experience placements will be made with partner school systems located in the surrounding area to maintain proper supervision levels and the integrity of the teacher education program. The student teaching assignment typically involves experience at two grade levels during the fifteen-week period. During the student teaching semester, students observe the schedule of the assigned partner school including beginning student teaching when the assigned school system begins the term instead of following the Milligan University schedule. Absences for reasons other than documented illness or family emergency are strongly discouraged. Excessive absences may result in an extension of the student teaching experience after completion of the Milligan University semester. Successful completion of student teaching is a condition of graduation from Milligan University with recommendation for licensure.

Praxis and edTPA Exams

Students completing the licensure program are required to take the appropriate Praxis II exams and the edTPA assessment. Tennessee publishes a list of the required Specialty Area Tests and passing scores for each licensure area. This list is available in the Center for Assistance to Students in Education (CASE) or online at www.ets.org. Graduation does not guarantee licensure. Any teacher student who fails to meet passing Tennessee scores on all required Praxis or edTPA tests and subtests is not a program completer and cannot be recommended by Milligan University for licensure.

Center for Assistance to Students in Education (CASE)

The Center for Assistance to Students in Education (CASE) provides coordinated assistance and support to students seeking professional teacher licensure at Milligan University. Located in the Teacher Education Curriculum Center, CASE attends to several critical functions throughout the various undergraduate and graduate teacher education programs of study. Accountability checkpoints have been established from initial contact with potential teacher students through post-graduation and post-licensure follow-up contacts. Academic advisement, field placements, mentoring, performance assessment and completion of key assessments, completion of graduation and licensure requirements, assistance with induction into initial employment and if necessary, tutoring and counseling are coordinated by and through CASE.

Child and Youth Development (Early Childhood Education)

Adult Degree Completion Program (ADCP)

School of Social Sciences and Education
Area of Education

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Child and Youth Development major/program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The Child and Youth Development major/program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

2. Use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

3. Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

4. Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

5. Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

6. Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

7. Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

8. Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

9. Uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

10. Seek opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

**Based on the InTASC Model Core Teaching Standards.

Milligan University offers an adult degree completion program with a major in child and youth. This major is designed for adults who have completed 52 or more semester hours of college credit and the equivalent of two or more years of work experience. Degree students must also complete the University's general education core of humanities, social and behavioral sciences, natural sciences, and Bible as well as an appropriate number of elective courses.

The senior exit exam for the Child and Youth Development major is a faculty-created exam for non-licensure-seeking students.

Child and Youth Development with Early Childhood Education Concentration – B.A. or B.S.

General Education Requirements (48-60 hrs)

BIBL 123 Old Testament Survey (3 hrs)
BIBL 124 New Testament Survey (3 hrs)
BIBL 471 Christ and Culture (3 hrs)
BIOL 110 General Biology (4 hrs)
COMP 111 Rhetorical Composition (3 hrs)
COMP 211 Inquiring Minds: Foundational Analytical Composition (3 hrs)
EXSC 101 Fitness for Life (1 hr)
GEOG 202 Cultural and Ethnic Geography (3 hrs)*
Humanities (15 hours)
MATH 153 Fundamental Concepts (3 hrs)*
PHYS 104 Earth and Space Science (4 hrs)*
SOCL 201 Introduction to Sociology (3 hrs)*
If BA degree, intermediate level proficiency in foreign language (3 - 12 hrs) is required

Required core courses in the major (14 unduplicated hrs)

BIOL 110 General Biology (4 hrs) (Required GER class)
EDUC 231B Psychology and Education of Exceptional Students (3 hrs)
EDUC 233B Child Guidance (2 hrs)
GEOG 202 Cultural and Ethnic Geography (3 hrs)* (Required GER class)
PHYS 104 Earth and Space Science (4 hrs)* (Required GER class)
PSYC 253B Child Development (3 hrs)
PSYC 356B Cross-Cultural Psychology (3 hrs)
SOCL 201 Introduction to Sociology (3 hrs)* (Required GER class)
SOCL 303 Family ***or*** EDUC 403B Parent Education and Involvement (3 hrs)

Non-licensure concentration (18 hrs)

EDUC 150B Introduction to Education (2 hrs)
EDUC 355B Integrated Literacy I (4 hrs)
EDUC 407B Elementary Curriculum and Methods (4 hrs)
EDUC 440B Engaging Children through Diversified Strategies (2 hrs)
ENGL 354B Children's Literature (3 hrs)
EDUC 443B Practicum (3 hrs)

The coursework below is in addition to General Education Requirements and Core listed above.

Verification of CPR and/or first aid competency and a successful background check is required for all field experiences and clinical placements.

Testing

1. At least one term of work must be completed at Milligan University before credit earned by testing will be recorded on the transcript.

2. No credit by exam will be allowed after a student has finished two terms in the Milligan University ADCP program.
3. A maximum of 32 semester hours can be earned by testing.

Assessment
Child and Youth Development majors must complete a faculty-created senior exam prior to graduation. The Director of Testing will email students with information about testing dates in their final semester.

Center for Assistance to Students in Education (CASE)
The Center for Assistance to Students in Education (CASE) provides coordinated assistance and support to students seeking professional teacher licensure at Milligan University. Located in the Teacher Education Curriculum Center, CASE attends to several critical functions throughout the various undergraduate and graduate teacher education programs of study. Accountability checkpoints have been established from initial contact with potential teacher students through post-graduation and post-licensure follow-up contacts. Academic advisement, field placements, mentoring, performance assessment, completion of graduation and licensure requirements, assistance with induction into initial employment and if necessary, tutoring and counseling are coordinated by and through CASE.

Returning Students
A student requesting readmission should contact the Office of Graduate and Professional Studies to obtain the link for the application for readmission. If the student has been academically or socially dismissed, the University will implement the following process in reviewing the application:

1. GPS personnel will review the student's application in consultation with the registrar and the program's area chair, including the student's original academic records and any courses completed since the suspension;
2. Social dismissal records will be reviewed with the Dean of Students.
3. If there is reason to believe that the student will profit from another opportunity to do college work, he/she will be permitted to enroll with probationary status following at least one ADCP term out of class.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Second Bachelor's Degree
A student who holds the bachelor's degree in another field may elect to earn a second bachelor's degree in order to have a major in child and youth development. Students seeking a second degree must complete all of the hours in the major at Milligan University and meet all the University's general education requirements (See General Education Requirements). Students who seek a second bachelor's degree may be eligible for financial aid. Questions regarding financial aid for a second degree should be directed to the Financial Aid Office (423.461.8949) or 800.447.4880.

Students who must complete courses in addition to the major may register for additional courses at Milligan University. Tuition charges are based on the current rate multiplied by the number of semester hours credit attached to the course(s).

Student Accounts and Scholarships
Students whose accounts are placed on hold by the student accounts coordinator due to lack of sufficient payment will not be able to register. Students who are not registered may not attend class or earn a grade. Those students must contact the student account coordinator to work out a payment arrangement before continuing in class.

ADCP students are eligible to apply for state and federal grant and loan programs by completing the Free Application for Federal Student Aid (FAFSA), for employer reimbursement when applicable, and any other outside scholarship programs. Institutional scholarships are not available for this program of study.

Degree Requirements
The student who completes the Bachelor of Science degree with a major in child and youth development with early childhood education concentration must meet general education requirements (GER) as outlined in this section of the catalog. Additional general education courses are required for students seeking licensure. Students are not required to complete a minor; elective hours can constitute the balance of the degree. The degree requirements are as follows:

1. Successful completion of 128 semester hours, a minimum of 45 from Milligan University.
2. Successful completion at Milligan University of the child and youth development major (with early childhood education concentration)
3. A cumulative grade point average of 3.0 on all work (4.0 scale) or a cumulative grade point average of 2.75 if the student plans to student teach as part of the post-baccauleaureate program.
4. Successful completion of the general education requirements
5. Successful completion of key assessments and progression requirements.

ADCP Class Drop
Students who choose to drop an ADCP class must notify the Office for Graduate and Professional Studies. A staff member from that office will assist with completing the appropriate paperwork to effect the class drop. Students are encouraged to check with Student Financial Services before dropping a class in the ADCP Program to discuss financial aid implications.

ADCP classes dropped prior to the first night of class will not appear on the student's transcript. Students may drop an ADCP class with a grade of "W" based upon the following schedule:

Class Length	Deadline for Dropping with Grade of "W"
Three weeks	End of 2nd class meeting
Four weeks	End of 3rd class meeting
Five weeks	End of 3th class meeting
Six weeks	End of 4th class meeting

Students dropping an ADCP class after the deadlines indicated above will be assigned a grade of "WP" ("withdrawal, passing") or "WF" ("withdrawal, failing, and equivalent to an 'F'") at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions.

Any refund of tuition or fees in case of dropping a class is governed by the refund policy in the finances section of the Catalog.

ADCP Withdrawal Policy
ADCP Program withdrawal entails the dropping of all ADCP classes in a current term and the ending of the student's enrollment at the University. Students who withdraw from the University must understand that this action can have significant consequences related to financial aid. ADCP students may withdraw from enrollment in a particular semester either through intentional action on their part or through administrative action on the University's part.

Intentional Withdrawal
ADCP students intentionally withdraw when they drop all classes in which they are enrolled in a current term and complete the appropriate paperwork to withdraw from the univeristy.

Administrative Withdrawal
The University may administratively withdraw ADCP students who are not attending class, who fail to meet the prerequisite(s) for a particular class, or who otherwise are not demonstrating serious academic effort. ADCP classes dropped prior to the first class meeting and as the result of an intentional or

administrative withdrawal will not appear on the student's transcript. Withdrawals will result in class grades of "W" for incomplete classes when the withdrawal takes place within the following time limits of a particular ADCP class:

Class Length	Deadline for Receiving Grade of "W" Due to Withdrawal
Three weeks	End of 2nd class meeting
Four weeks	End of 3rd class meeting
Five weeks	End of 3th class meeting
Six weeks	End of 4th class meeting

Withdrawals occurring after the above time limits will result in a grade of "WP" or "WF" for the class currently under way at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions.

Any refund of tuition or fees in case of program withdrawal is governed by the refund policy in the finances section of the Catalog.

Failing Grades/Incomplete

A student who fails a course (grade of "F") can be permitted to continue with the same group in subsequent courses for the term so long as the course failed is not a prerequisite to the following course. However, the course in which the failing grade was earned must be repeated successfully prior to graduation. (See also "Probation and Dismissal" below.) Grades of "Incomplete," or "I," are given at the end of a course only when there is evidence that a significant event or issue interfered with a student's successful completion of the course. Faculty assigning a grade of "I" must complete an "Incomplete Contract" and submit it to the Registrar's Office. The student must resolve the "I" within six weeks of the course's final meeting through continuing work with the instructor. Only under extraordinary circumstances can the student apply for an incomplete grade and the six-week extension to resolve the "incomplete" grade. Students are reminded to make every effort to avoid "I" grades that are recorded on the transcript.

Repeating Courses

Any student who must or wishes to repeat a course may do so on a space-available basis. Tuition is paid for any repeated courses at the current tuition rate for the group with which the student will meet for that repeated course. See Course Repeat Policy under Academic Policies in this Catalog.

Children's Ministry

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Children's Ministry major specifically endeavors to prepare students for faithful, dynamic, and effective children's ministry in local churches and other contexts.

The Children's Ministry major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an ability to reflect theologically on contemporary culture and to discern the challenges and opportunities for the church to embody a faithful presence within that culture;
5. demonstrate an ability to approach children's ministry in ways that reflect sound theological, philosophical, cultural, and practical understandings of ministry;
6. demonstrate competency in teaching effectively;
7. offer evidence of the personal and spiritual maturity necessary for children's ministry.

Children's Ministry major - B.A.

Required courses in the major:

Bible (12 hrs)

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 hrs of Old Testament from BIBL 252, 301, 304, 343, 351, 352, 355, 405, or 432
3 hrs of New Testament from BIBL 202, 313, 321, 322, 324, 325, 328, 411, 412, or 452

BIBL 295 (Seminar), 489 (Directed Readings), and 495 (Seminar) may be suitable Old or New Testament electives, depending on course content. Approved seminary courses in Old or New Testament may also serve as electives.

Church History/Theology (12 hrs)

HIST 341 and 342 Church History (6 hrs)
HIST 431 The Stone-Campbell Movement in the North American Context (3 hrs)
3 hrs of electives chosen from BIBL 473, CMIN 365, HIST/BIBL 323, HIST/BIBL 343, 344, HIST 250, 345, 346, 352, 432, and other approved church history or theology electives.

Ministry Leadership (25 hrs)

CMIN 260 Ministry Leadership Seminar (Taken three times, 2 hrs each) (6 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 278 Fundamentals of Teaching (3 hrs)
CMIN 317 Fundamentals of Children's Ministry (3 hrs)
CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 480 Theological Integration (1 hr)
Choose one of the following 6-hour options:
1. CMIN 491A Mentored Ministry Experience (6 hrs)
2. Two CMIN 491B Mentored Ministry Experiences (3 hrs + 3hrs)
3. CMIN 491B Mentored Ministry Experience (3 hrs) and one additional approved CMIN elective (3 hrs)

Total number of required hours: 49

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level. The Bible faculty strongly recommends this language be Greek or Hebrew as an aid in the study of the Bible.

Capstone Assessment

Prior to graduation, Children's Ministry majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Children's Ministry minor

The minor in Children's Ministry equips students to prepare for a lifetime of service to Christ regardless of their primary field of study. Because Milligan believes that "every Christian is a minister," this minor seeks to prepare students to serve effectively as bi-vocational servant-leaders or as voluntary leaders in their local churches.

Required courses in the Children's Ministry minor:

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 278 Fundamentals of Teaching (3 hrs) **or** CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 317 Fundamentals of Children's Ministry (3 hrs)
HIST 341 and 342 Church History (6 hrs)

Total number of required hours: 21

Chinese

School of Arts and Humanities
Area of Humane Learning

Chinese supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts.
- Students will gain an enriched quality of life through . . . preparation for graduate studies and a rewarding career or profession.

The B.A. degree requires foreign language through the intermediate level.

Church Leadership

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Church Leadership major specifically endeavors to prepare students for seminary and faithful, dynamic, and effective leadership in local churches.

The Church Leadership major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an ability to reflect theologically on contemporary culture and to discern the challenges and opportunities for the church to embody a faithful presence within that culture;
5. demonstrate an ability to approach church leadership in ways that reflect sound theological, philosophical, cultural, and practical understandings of ministry;
6. demonstrate competency in preaching effectively;
7. offer evidence of the personal and spiritual maturity necessary for church leadership.

Church Leadership major - B.A.

Required courses in the major:

Bible (12 hrs)

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 hrs of Old Testament from BIBL 252, 301, 304, 343, 351, 352, 355, 405, or 432
3 hrs of New Testament from BIBL 202, 313, 321, 322, 324, 325, 328, 411, 412, or 452

BIBL 295 (Seminar), 489 (Directed Readings), and 495 (Seminar) may be suitable Old or New Testament electives, depending on course content. Approved seminary courses in Old or New Testament may also serve as electives.

Church History/Theology (12 hrs)

HIST 341 and 342 Church History (6 hrs)
HIST 431 The Stone-Campbell Movement in the North American Context (3 hrs)
3 hrs of electives chosen from BIBL 473, CMIN 365, HIST/BIBL 323, HIST/BIBL 343, 344, HIST 250, 345, 346, 352, 432, and other approved church history or theology electives.

Ministry Leadership (24 hrs)

CMIN 260 Ministry Leadership Seminar (Taken four times, 2 hrs each) (8 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 276 Fundamentals of Preaching (3 hrs)
CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 480 Theological Integration (1 hr)
Choose one of the following 6-hour options:
1. CMIN 491A Mentored Ministry Experience (6 hrs)
2. Two CMIN 491B Mentored Ministry Experiences (3 hrs + 3hrs)
3. CMIN 491B Mentored Ministry Experience (3 hrs) and one additional approved CMIN elective (3 hrs)

Total number of required hours: 48

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level. The Bible faculty strongly recommends this language be Greek or Hebrew as an aid in the study of the Bible.

Capstone Assessment

Prior to graduation, Church Leadership majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Church Leadership minor

The minor in Church Leadership equips students to prepare for a lifetime of service to Christ regardless of their primary field of study. Because Milligan believes that "every Christian is a minister," this minor seeks to prepare students to serve effectively as bi-vocational servant-leaders or as voluntary leaders in their local churches.

Required courses in the Church Leadership minor:

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 276 Fundamentals of Preaching (3 hrs)
CMIN 350 Ministry in a Changing Culture (3 hrs)
HIST 341 and 342 Church History (6 hrs)

Total number of required hours: 21

Coaching

School of Sciences and Allied Health
Area of Exercise Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant leaders," the coaching minor specifically endeavors to prepare students to coach in school or community settings or to pursue graduate studies in coaching.

The coaching minor supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. possess an awareness of typical physical training techniques, and the physiology on which they are based, used by successful coaches in a variety of sports;
2. gain an understanding of the psychology of coaching to maximize athletic performance and the character of the athletes;
3. gain an understanding of the administrative responsibilities coaches may have and how to effectively handle them.

Required courses in the minor:

EXSC 302 Coaching and Officiating (total of six hours)
EXSC 404 Organization and Management of Physical Education and Sport (3 hrs)
PSYC 260 Sport Psychology (3 hrs)
Six more hours from the following:
- EXSC 208 Principles of Training: Speed & Strength (3 hrs)
- EXSC 270 The Science of Athletic Performance (2 hrs)
- EXSC 309 Sport Injuries (3 hrs)
- EXSC 322 Coaching for Character (2 hrs)
- EXSC 333 Human Nutrition (3 hrs)
- EXSC 341 Exercise Physiology (4 hrs)
- EXSC 352 Kinesiology and Biomechanics (4 hrs)
- EXSC 405 Motor Behavior (2 hrs)
- EXSC 433 Sport Nutrition (2 hrs)
- EXSC 491 Fieldwork (1-3 hrs)

The following general education requirement is fulfilled in the minor:

3 hours of social learning

Total number of required hours: 18

Communications

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

See separate sections for:
Digital Illustration (minor), Film, Graphic Design, Interactive Media Design, Multimedia Journalism, Professional Writing (minor), and Public Relations.

Additional Opportunities

For more information about the off-campus study opportunities below, see "Special Academic Programs" – "Off-Campus Programs."

Contemporary Music Center (CMC)-Greenville University

The Contemporary Music Center (CMC) offers you a front-row ticket to the music industry. Learn all of Nashville's ins and outs as you visit a publishing house, a modern recording studio and sound stage. Meet with a working songwriter, producer, engineer, and music arranger to get a taste of the working life in this musical metropolis.

Los Angeles Film Studies Center (LAFSC)

(not available at this time)

The Los Angeles Film Studies Center exists to provide a space for people who are passionately driven to create stories. We train students in the craft of expressing their authentic voice while walking out their faith journey.

New York City Semester in Journalism

Milligan University is a partner institution with the New York City Semester in Journalism (NYCJ), a 15-credit hour program offered through the Phillips Journalism Institute at The King's College in New York City.

Composition

School of Arts and Humanities
Area of Humane Learning

Effective writing is an essential skill for college students and graduates. The composition courses offered by the University enable students to reach the outcomes of the general education requirement, ensuring that all graduates will have:

1. exhibited fundamental critical and creative thinking skills
2. having posed and investigated a question, assessed and/or evaluated information, and formulated conclusions
3. synthesized and integrated a variety of information into a coherent whole
4. demonstrated the capacity to learn for a lifetime by locating, accessing, evaluating, and utilizing information
5. demonstrated effective communication skills

The composition requirements of the University ensure that all graduates will be able to write effectively, utilizing the conventions of standard written English, and will be able to undertake basic academic research, employing a variety of learning resources and technologies. These courses are specifically designed to undergird the Milligan curriculum and to fit the major field of each student. COMP 093 is required for first-time students who demonstrate writing skills below the college level (see Developmental Studies). COMP 111, emphasizing effective rhetoric, is designed to be taken in the spring semester of the freshman year. COMP 211, which focuses on more advanced analytical skills in multiple disciplines, is usually taken in the fall semester of the sophomore year. COMP 111 and COMP 211 play an essential role in preparing students to do significant undergraduate research.

Computer Science

William B. Greene, Jr., School of Business & Technology
Area of Computer Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the computer science (CS) major specifically endeavors to prepare students for careers as programmers, software developers, software designers, and computer engineers in business, industry, research, and government.

The computer science (CS) major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. identify and describe architecture in computer hardware and computer operating systems;
2. develop software using appropriate programming skills;
3. design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs;
4. convey technical information for both theoretical and practical CS disciplines;
5. analyze a problem and identify and define the computing requirements appropriate to its solution.

Course work in this major emphasizes programming, algorithm analysis, and software development. It is suggested that students with a major in computer science complete a minor in mathematics.

Computer Science major – B.A. or B.S.

Required courses in the major:

COMM 305 Specialized and Technical Writing (3 hrs)
CS 201 Computer Organization and Architecture (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 230 Information Assurance and Security (3 hrs)
CS 297 Object Oriented Programming – C++ (3 hrs)
CS 301 Operating Systems (3 hrs)
CS 307 Data Structures (3 hrs)
CS 313 Advanced Programming (3 hrs)
CS 320 Networking and Communication (3 hrs)
CS 332 Legal, Ethical and Privacy Issues in Cybersecurity (3 hrs)
CS 350 Analysis of Algorithms (3 hrs)
CS 450 Computer Science Design Capstone (3 hrs)
IS 305 Database Management (3 hrs)
IS 341 Systems Analysis and Design (3 hrs)
IS 401 Project Management (3 hrs)
MATH 302 Discrete Mathematics (3 hrs)
One course from the following:
MATH 211 Calculus I (4 hrs)
MATH 213 Statistics (3 hrs)
Technical Electives – 6 hrs: Choose any two courses from CS, EENG, FENG, IS, MATH, or MENG at the 300 level or above.

The following general education requirement is fulfilled in the major:

3 hours of mathematics

Total number of required hours: 57-58

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Computer Science majors must complete and submit a Final Project Implementation Report completed as a culminating assignment in CS 450, Computer Science Design Capstone.

Computer Science minor

Required courses in the minor:

CS 201 Computer Organization and Architecture (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 297 Object Oriented Programming-C++ (3 hrs)
CS 301 Operating Systems (3 hrs)
CS 320 Networking and Communication (3 hrs)
One 3-hour technical elective at the 300 level or above chosen from CS, EENG, FENG, IS, MATH or MENG

Total number of required hours: 18

Criminology/Criminal Justice

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the criminology/criminal justice major specifically endeavors to equip students to work in a variety of bachelor-level careers or to pursue graduate work in these fields as well as law, social services, and research.

The criminology/criminal justice major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. recall and apply key concepts, jurisdictional components, terminology, and the application of judicial process, as utilized by professionals in the fields of criminology and criminal justice;
2. compare theoretical frameworks to the causes and prevention of crime, the processes of criminalization, and the impact that crime has on society;
3. analyze and prepare a written synopsis of an Appellate Court case, applying Constitutional principles of precedence to the development of criminal law statutes and law enforcement procedures;
4. analyze social injustice and harms, proposing resolutions through the research and development of investigative strategies, utilizing ethical Christ-centered reasoning;

Criminology/Criminal Justice major – B. A. or B.S.

Required courses in the major:

CRCJ 210 Introduction to Criminology and Criminal Justice (3 hrs)
CRCJ 220 Judicial Process (3 hrs)
CRCJ 310 Criminology (3 hrs)
CRCJ 320 Juvenile Justice and Delinquency (3 hrs)
CRCJ 330 Criminal Evidence and Investigations (3 hrs)
CRCJ 350 Leadership and Ethics in Criminal Justice (3 hrs)
CRCJ 355 Criminal Law and Procedure (3 hrs)
SOCL 314 Race and Ethnic Relations (3 hrs)
CRCJ 491 Internship (6 hours)
CRCJ 494 Criminology/Criminal Justice Capstone Seminar (1 hour)

Electives – Choose 9 hours from the following:

CRCJ 495 Special Topics
LS/POLS 320 Constitutional Law
LS 330 Family Law
POLS 203 State and Local Government
PSYC 350 Social Psychology
PSYC 357 Interpersonal Relationship and Helping Skills
PSYC 358 Abnormal Psychology
PSYC 435 Child Sexual Abuse
SOCL 211 Social Problems
SOCL 303 Family
SOCL 401 Sociological Research
SOCL 451 Sociological Theory

Total number of required hours: 40

The following general education requirements are fulfilled in the major:

3 hours of social learning
3 hours of ethnic studies

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Criminology/Criminal Justice majors must complete a faculty-created topical field study report, completed as a culminating assignment in CRCJ 494, Criminology/Criminal Justice Capstone Seminar.

Criminology/Criminal Justice minor

Required courses in the minor:

CRCJ 210 Introduction to Criminology and Criminal Justice (3 hrs)
CRCJ 220 Judicial Process (3 hrs)
CRCJ 310 Criminology (3 hrs)
CRCJ 330 Criminal Evidence and Investigations (3 hrs)
CRCJ 355 Criminal Law and Procedure (3 hrs)

One 3-hour elective from the following::

CRCJ 320 Juvenile Justice and Delinquency (3 hrs)
CRCJ 350 Leadership and Ethics in Criminal Justice (3 hrs)
CRCJ 495 Seminar (3 hrs)
LS/POLS 320 Constitutional Law (3 hrs)
LS 330 Family Law (3 hrs)
POLS 203 State and Local Government (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 367 Interpersonal Relationship and Helping Skills (3 hrs)
PSYC 358 Abnormal Psychology (3 hrs)
PSYC 435 Child Sexual Abuse (3 hrs)
SOCL 221 Social Problems (3 hrs)
SOCL 303 Family (3 hrs)
SOCL 314 Race and Ethnic Relations (3 hrs)
SOCL 401 Sociological Research (3 hrs)
SOCL 451 Sociological Theory (3 hrs)

The following general education requirements are fulfilled in the minor:

3 hours of social learning

Total number of required hours: 18

Cybersecurity

William B. Greene, Jr., School of Business & Technology
Area of Computer Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the cybersecurity major specifically endeavors to prepare students for careers as programmers, software developers, software designers, security analysts, and computer engineers in business, industry, research, and government.

The cybersecurity major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. identify and describe architecture in computer hardware and computer operating systems;
2. develop secure software using appropriate programming skills;
3. design, implement, and evaluate a computer-based system, process, component, or program to meet desired security standards;
4. convey technical information for both theoretical and practical CS/Cybersecurity disciplines;
5. analyze a problem and identify and define the computing requirements appropriate to developing a secure solution.

Course work in this major emphasizes programming, algorithm analysis, and software development and network security.

Cybersecurity major – B.A. or B.S.

Required courses in the major:

COMM 305 Specialized and Technical Writing (3 hrs)
CS 201 Computer Organization and Architecture (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 230 Information Assurance and Security (3 hrs)
CS 297 Object Oriented Programming – C++ (3 hrs)
CS 301 Operating Systems (3 hrs)
CS 307 Data Structures (3 hrs)
CS 313 Advanced Programming (3 hrs)
CS 330 Computer Forensics (3 hrs)
CS 320 Networking and Communication (3 hrs)
CS 327 Ethical Hacking (3 hrs)
CS 332 Legal, Ethical and Privacy Issues in Cybersecurity (3 hrs)
CS 350 Analysis of Algorithms (3 hrs)
CS 410 Systems Administration (3 hrs)
CS 425 Network Security (3 hrs)
IS 305 Database Management (3 hrs)
MATH 302 Discrete Mathematics (3 hrs)
One course from the following:
MATH 211 Calculus I (4 hrs)
MATH 213 Statistics (3 hrs)
Technical Elective (3 hrs) Choose any course from CS, EENG, FENG, IS, MATH, or MENG at the 300 level or above.

The following general education requirement is fulfilled in the major:

3 hours of mathematics

Total number of required hours: 57- 58

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Computer Science majors must complete and submit a Network Security Implementation Report completed as a culminating assignment in CS 425 Network Security.

Cybersecurity minor

Required courses in the minor:

CS 201 Computer Organization and Architecture (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 230 Information Assurance and Security (3 hrs)
CS 297 Object Oriented Programming-C++ (3 hrs)
CS 301 Operating Systems (3 hrs)
CS 320 Networking and Communication (3 hrs)
CS 330 Computer Forensics (3 hrs)
CS 327 Ethical Hacking (3 hrs)
CS 425 Network Security (3 hrs)

Total number of required hours: 27

Data Analytics

William B. Greene, Jr., School of Business & Technology
Area of Business

The minor in Data Analytics may be obtained by following the program of study listed below.

Data Analytics minor

Required courses in the minor:

BADM 365 Operations Management (3 hrs)
CS 211 Programming Logic (3 hrs)
ECON 402 Econometrics (3 hrs)
IS 230 Information Assurance (3 hrs)
IS 305 Database Management (3 hrs)
IS 310 Enterprise Resource Planning (3 hrs)
MATH 213 Statistics (3 hrs)
MATH 302 Discrete Mathematics (3 hrs)

Total number of required hours in the minor: 24

Digital Illustration

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

The minor in digital illustration may be obtained by following the program of study listed below.

Digital Illustration minor

The digital illustration minor enables students to translate their artistic abilities into emerging technologies -and the exciting career possibilities therein. With instruction from working industry professionals, students will master the technical, conceptual, and business skills to pursue a career as an illustrator. This program will focus on honing a student's skills and process in order to create original artwork appropriate for commercial design and fine art.

The digital illustration minor supports Milligan University's institutional outcomes in scholarship, community, and faith. Graduates of this program will be able to:

1. Hone their artistic and technical abilities in order to develop a portfolio based on their career goals;
2. Build a knowledge base of different aspects of the digital illustration field including editorial design, concept art, children's illustration, etc.;
3. Communicate their ideas through visual rhetoric and language;
4. Understand the artistic skills, creative problem solving, and critical thinking involved in conveying a message through illustration; and
5. Comprehend the societal responsibility of an artist is to engage and inform, to encourage community cohesion, and increase trust and understanding.

Required courses in the minor:

ART 110 Design Fundamentals (3 hrs)
ART 250 Drawing 1 (3 hrs)
ART 411 Printmaking Studio (3 hrs)
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)
IMD 305 Digital Illustration 1 (3 hrs)
IMD 405 Digital Illustration 2 (3 hrs)
IMD 490 Directed Studies (capstone) (1 hr)

Total number of required hours: 19

Interactive Media Design major - B.A. or B.S.

A student may declare an interactive media design major. For further information on this major, refer to the information under "Interactive Media Design."

Economics

William B. Greene, Jr., School of Business & Technology
Area of Business

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mission of the Business Area is "to honor God by educating men and women to be servant leaders in business related fields." The economics major prepares students for employment in various economics-related areas and/or for the pursuit of advanced degrees in economics by educating them in the fundamental knowledge, theories and quantitative techniques related to the study of the allocation of scarce resources from a Christian perspective.

The economics major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. develop the ability to explain core economic terms, concepts and theories;
2. demonstrate awareness of global, historical and institutional forces;
3. synthesize and integrate information into the creation of oral presentations and coherent written arguments;
4. demonstrate the quantitative ability to effectively analyze economic problems;
5. understand economics with respect to Milligan's mission for servant leadership and the Christian faith.

Economics major – B.A. or B.S.

Required courses in the major:

ACCT 211 Introductory Accounting I (3 hrs)
ACCT 212 Introductory Accounting II (3 hrs)
ECON 201 Macroeconomics (3 hrs)
ECON 202 Microeconomics (3 hrs)
ECON 301 Corporate Finance (3 hrs)
ECON 311 Intermediate Macroeconomic Theory (3 hrs)
ECON 312 Intermediate Microeconomic Theory (3 hrs)
ECON 402 Econometrics (3 hrs)
ECON 403 Money, Banking, and Monetary Theory (3 hrs)
ECON 460 History of Economic Thought (3 hrs)
Economics electives at the 300 or 400 level (3 hrs)
MATH 211 Pre-Calculus / Calculus I (4 hrs)
MATH 213 Statistics (3 hrs) or MATH 314 Probability and Statistics I (3 hrs)

The following general education requirements are fulfilled in the major:

3 hours of social learning
3 hours of mathematics

Total number of required hours: 40

Additional courses recommended for students pursuing graduate studies in Economics:

MATH 212 Calculus II (4 hrs)
MATH 307 Linear Algebra (3 hrs)
MATH 315 Probability and Statistics II (3 hrs)

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Economics majors must complete a Peregrine Academic Services (PAS) exam that aligns question content with nationally recognized accreditation standards. This exam is administered in each student's final semester (typically in ECON 312 or 402).

Economics minor

The minor in economics allows students to gain broad-based exposure to a variety of economic topics. The minor provides the student with a better understanding of the modern economy, at both the personal and social levels and from both a contemporary and historical perspective.

Required courses in the minor:

ECON 201 Macroeconomic Principles (3 hrs)
ECON 202 Microeconomic Principles (3 hrs)
ECON 311 Intermediate Macroeconomics (3 hrs)
ECON 312 Intermediate Microeconomics (3 hrs)
Economics electives at the 300 or 400 level (9 hrs)

The following general education requirements are fulfilled in the minor:

3 hours of social learning

Total number of required hours in the minor: 21

History majors pursuing secondary teacher licensure may add an endorsement in economics by completing this minor.

Education: Licensure Programs

School of Social Sciences and Education
Area of Education

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the education licensure programs specifically endeavor to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The education licensure program support Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. Use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.
3. Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.
4. Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.
5. Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. Uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. Seek opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

**Based on the InTASC Model Core Teaching Standards.

The undergraduate teacher education program is designed to serve students who plan to obtain professional licensure for teaching in elementary (serving children kindergarten through fifth grade), secondary (serving children from grades six through twelve), and selected K-12 specialty fields (music, theatre, and visual arts). Dual licensure opportunities are available for PreK-12 English as a Second Language. Education students may also choose to pursue careers in professional settings other than schools, e.g., child development programs, church settings, and post-secondary institutions.

The Milligan University teacher education faculty is committed to nurture and develop caring and reflective teachers, those who reflect continually on their practice in search of excellence, and who care deeply about the students and families they serve. Knowing that every child deserves a quality teacher, we are committed to developing in our teacher students the professional knowledge, skills, and dispositions required to succeed in contemporary schools. Undergraduate and graduate initial licensure programs of study are available.

General Information

Students who intend to pursue professional teacher licensure will move through three formal progression stages.

Stage 1:
Students will review/create a Program of Study with their assigned education advisor. Students will complete the Verification of Knowledge form (obtained from the Education advisoer and returned to their advisor). Students will complete a TBI background check and show proof of current CPR/First Aid competency. Students mush show writing competency by passing on the of the following: ACT with writing, SAT, or CORE writing exam. Candidaes must achieve an ACT score of 21 or higher, or an SAT score of 1080 or higher, or pass the CORE reading, writing, and math exams with Tennessee Department of Education (TNDOE) required scores. Students must pass EDUC 150, EDUC 152, and EDUC 253. Students must achieve a GPA of 3.0 or higher on at least 30 credit hours. Students must maintain positive disposition ratings.

Stage 2:
Students must maintain a GPA of 3.0 or higher and pass all EDUC courses at the 300 level of above with a B- or better. Students must maintain positive disposition ratings. Students complete TEAM assessments (planning, instruction, environment). Students will complete Proethics and the Technology Rubric. Students must pass the Praxis II content knowledge exam for their endorsement. Students must complete the Application for Student Teacing, have current CPR/First aid certification, purchase professional liability insurance, and have a background check on file that is no more than one year old at the time of placement in student teaching.

Stage 3:
Students must maintain positive disposition ratings. Students will complete TEAM forms (planning, instruction, environment, professional). Students will complete the technology rubric. Students will complete remaining Praxis exams for their endorsements as well as the required edTPA exam.

Successful navigation through required stages does not guarantee continuance or completion. The teacher education faculty may recommend that a student not continue in the program if determined that such action is in the interest of Milligan University, the teacher student, or the profession. The student will then be administratively withdrawn from the program.

Teacher students complete supervised field experiences and student teaching in public partner schools in nearby communities. During the final term, students complete a full-time student teaching experience and participate in a series of associated capstone seminars designed to provide opportunities to reflect on relationships between theory and practical experiences in education. Students will complete all key assessments required throughout the program in order to progress to graduation. Final assessment of program outcomes (as reflected in the key assessments and the student teaching experience) is a critical component of the capstone seminar. A passing grade in the capstone seminar reflects program completion and will not be awarded until program outcomes are met. (M.Ed. students must also pass all required Praxis and edTPA exams to earn a passing grade in Capstone

Seminar.) Early completion of all Praxis tests is strongly recommended to ensure the receipt of all credentials including one's academic transcript demonstrating program completion for submission to state regulatory agencies for licensure. The edTPA exam is completed during student teaching. Teacher students should anticipate various fees related to state licensure requirements. Fees will be incurred for completion of the Core Academic Skills for Educators tests and the Praxis and edTPA exams, for purchase of professional liability insurance, for verification of CPR and/or first aid proficiency and any other licensure requirements mandated by the State of Tennessee. Milligan University is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council of Accreditation of Teacher Education (CAEP). Successful completion of this program leads to recommendation for Tennessee licensure. Meeting all Tennessee licensure requirements is mandatory, even for those who intend to move to other states for employment. Through state reciprocal licensure agreements, some Milligan graduates also attain licensure in other states. Accreditation by CAEP ensures that a teacher education degree from Milligan is instantly recognized in Tennessee and the nation for its quality. Research has shown that graduates from CAEP institutions significantly outperform those from non-CAEP institutions on National Teacher Examinations. Milligan's commitment to meet CAEP standards means that each graduate of teacher education programs gains the knowledge, skills, and dispositions needed for success as a professional educator.

Assessment

Teacher students are required to complete all key assessments as outlined in the progression points documenting their mastery of applicable Milligan University program outcomes. Key assessments are organized around outcome statements based upon Interstate Teacher Assessment and Support Consortium (InTASC) standards and must be submitted during the student teaching semester. Initial and continuing full progression status is contingent upon periodic review of key assessments.

Student Teaching

Approval to student teach is granted only to teacher students who have been fully admitted to Stage 3 of the progression points and who maintain eligibility at that level. In addition to meeting established minimum grade point averages and Tennessee-approved Core scores, approval to student teach requires:

1. A minimum overall 3.0 grade point average;
2. A minimum grade of C-minus in all courses in the academic major;
3. A minimum grade of B-minus in all required teacher education courses in the program of study numbered 300 and above;
4. A passing score on the content Praxis exam(s) (due 3 weeks before the last day of class the semester before student teaching would begin);
5. Professional liability insurance;
6. Verification of CPR and/or first aid proficiency;
7. Submission of a TBI background check indicating no areas of concern;
8. Positive review by the Admission and Retention Committee based on:
   a. positive disposition ratings from prior mentors and supervisors
   b. demonstrated competence in lesson plan development
   c. demonstrated ability to interact effectively with students in classroom settings
9. An application turned in to CASE no later than midterm of the semester before student teaching would begin.

The student should expect to take no more than thirteen hours of credit (twelve hours of student teaching, one hour of the capstone seminar) during the student teaching semester. Employment and other substantial extracurricular activities during the student teaching semester are strongly discouraged. Taking additional classes or working without written permission from the mentor, supervisor, and area chair is grounds for dismissal from student teaching. As a part of the student teaching approval process, the director of teacher certification will determine that all prerequisite course work is completed and that any course work remaining to complete the Milligan University Prerequisite course work includes all professional level education courses and all courses in the academic major.

Student teaching is an experience in instruction, assessment, and classroom management in an assigned partner school, combined with initial orientation classes and periodic evening workshops and seminars. Student teacher experience placements will be made with partner school systems located in the surrounding area to maintain proper supervision levels and the integrity of the teacher education program. The student teaching assignment typically involves experience at two grade levels during the fifteen-week period. During the student teaching semester, students observe the schedule of the assigned partner school including beginning student teaching when the assigned school system begins the term instead of following the Milligan University schedule. Absences for reasons other than documented illness or family emergency are strongly discouraged. Excessive absences may result in an extension of the student teaching experience after completion of the Milligan University semester. Successful completion of student teaching is a condition of graduation from Milligan University with recommendation for licensure.

Praxis and edTPA Exams

Students completing the licensure program are required to take the appropriate Praxis exams and the edTPA assessment. Tennessee publishes a list of the required Specialty Area Tests and passing scores for each licensure area. This list is available in the Center for Assistance to Students in Education (CASE) or online at www.ets.org. Graduation does not guarantee licensure. Any teacher student who fails to meet passing Tennessee scores on all required Praxis or edTPA tests is not a program completer and cannot be recommended by Milligan University for licensure.

Tests Required for All Licensure Students

Please see www.ets.org/praxis for information on current Praxis tests and passing scores for all licensure areas. The edTPA exam is also required for licensure.

Undergraduate Enrollment in Graduate Courses

Undergraduate students may take up to 9 hours of courses for graduate credit in education, after they have completed 90 hours of undergraduate course work and have these credits apply toward their Master of Education degree. Students earning graduate credit in undergraduate courses will be required to complete additional course requirements. These credits must be in addition to at least 128 credits of undergraduate work. Outlined below are the courses that may be taken and a list of the courses for which graduate credit may be earned.

Undergraduate Course	Graduate Course
EDUC 301 ECE and Elementary Foundations	EDUC 571 ECE and Elementary Foundations
EDUC 357 Disciplinary Literacy	EDUC 527 Disciplinary Literacy
EDUC 356 Integrated Literacy II	EDUC 577 Integrated Literacy II
EDUC 407/407B Elementary Curriculum and Methods	EDUC 576A Elementary Curriculum and Methods
EDUC 440 Engaging Children Through Diversified Strategies	EDUC 541 Engaging Learners in Content Instruction
EXSC 440 Health and Physical Education Methods	EDUC 540 Health and Physical Education Methods
EDUC 409 Secondary Curriculum and Methods	EDUC 520 Secondary Curriculum and Methods
EDUC 307 Secondary Foundations	EDUC 562 Seminar in Secondary Foundations

Center for Assistance to Students in Education (CASE)

The Center for Assistance to Students in Education (CASE) provides coordinated assistance and support to students seeking professional teacher licensure at Milligan University. Located in the Teacher Education Curriculum Center, CASE attends to several critical functions throughout the various undergraduate and graduate teacher education programs of study.

Accountability checkpoints have been established from initial contact with potential teacher students through post-graduation and post-licensure follow-up contacts. Academic advisement, field placements, mentoring, performance assessment, completion of graduation and licensure requirements, assistance with induction into initial employment and, if necessary, tutoring and counseling are coordinated by and through CASE.

Accelerated BS+M.Ed. Plan

Highly motivated students can complete the M.Ed. degree in one academic year (plus May term) after receiving a bachelor's degree, to earn both degrees in five years. Students must major in a teacher education field at Milligan and, with faculty approvals, complete the required coursework for the Accelerated Plan. Completing the Accelerated Plan is not a guarantee of admission to the Milligan M.Ed. program. Students should talk to both their advisor and the admissions representative for the M.Ed. program.

Undergraduate Initial Licensure Programs

Academic Major	Licensure Areas	Grade Level	Available Degree Programs	
Art	Visual Arts	K-12	BA	
	Visual Arts /English As A Second Language	K-12/P-12	BA	
Biology	Secondary Education (Biology)	6-12	BA	BS
	Secondary Education (Biology)/English As A Second Language	6-12/P-12	BA	BS
Business Administration	Secondary Education (BusinessEducation)	6-12	BA	BS
	Secondary Education (Business Education/ English As A Second Language	6-12/P-12	BA	BS
Chemistry	Secondary Education (Chemistry)	6-12	BA	BS
	Secondary Education (Chemistry)/ English As A Second Language	6-12/P-12	BA	BS
Child and Youth Development	Elementary Education/English As A Second Language	K-5/P-12	BA	BS
	Special Education Interventionist **	K-8	BA	BS
	Special Education Interventionist **	6-12	BA	BS
	**Pending final approval from the Office of Educator Licensure and Preparation.			
English	Secondary Education (English)	6-12	BA	
	Secondary Education (English)/ English As A Second Language	6-12/P-12	BA	
History	Secondary Education (History)	6-12	BA	
	Secondary Education (History)/English As A Second Language	6-12/P-12	BA	
	Secondary Education (History-Economics)	6-12	BA	
	Secondary Education (History-Government)	6-12	BA	
Mathematics	Secondary Education (Mathematics)	6-12		BS
	Secondary Education (Mathematics)/English As A Second Language	6-12/P-12		BS
Music Education	Music (Instrumental)	K-12	BA	
	Music (Instrumental)/English As A Second Language	K-12/P-12	BA	
Music Education	Music (Vocal)	K-12	BA	
	Music (Vocal)/English As A Second Language	K-12/P-12	BA	
Political Science	Secondary (Government)	6-12		BS
	Secondary (Government)/English As A Second Language	6-12/P-12		BS
Psychology	Secondary Education (Psychology)	9-12	BA	BS
Spanish	World Languages (Spanish)	P-12	BA	
	World Languages (Spanish)/ English As A Second Language	P-12/P-12	BA	
Theatre Arts	Theatre	K-12	BA	
	Theatre/English As A Second Language	K-12/P-12	BA	

Milligan University students may pursue initial professional teaching licensure in elementary education (grades K-5); secondary education (grades 6-12); K-12 specialization programs in music, theatre, visual art, and Spanish. Licensure in other areas is available at either the undergraduate or the graduate level. In addition to the general education and licensure courses listed below, all undergraduate students pursuing teaching licensure must complete a Milligan major in a field other than education.

These courses and related experiences were developed by the Milligan University faculty in response to lists of required knowledge, skill, and disposition outcomes developed by the Tennessee Department of Education, CAEP, and the Interstate Teacher Assessment and Support Consortium (InTASC). Verification of current CPR and/or first aid competency is required for student teaching as well as a TBI background check.

Elementary Education (K-5)/English as a Second Language (P-12) licensure

The elementary education licensure program includes (1) general education courses, (2) a major in a single discipline from the arts and sciences, and (3) educational studies courses. Elementary education students have as their academic advisors faculty members in teacher education and their chosen academic major.

Child and Youth Development major with Elementary (K-5)/English as a Second Language (P-12) concentration and Educational Studies courses

See Child and Youth Development section of the catalog.

Secondary Education licensure

The programs for licensure in secondary education are designed for persons interested in teaching in grades six through twelve. Secondary licensure may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (foreign language through the intermediate level required). Students completing the licensure program complete (1) general education courses; (2) an academic major; and (3) educational studies courses. The following are available secondary licensure areas: biology, business, chemistry, English, history, history with economics, mathematics, and psychology. Secondary education students have as their academic advisors faculty members in teacher education and their chosen academic major.

General Education Requirements (53 hrs)

BIBL 123 Old Testament Survey (3 hrs)
BIBL 124 New Testament Survey (3 hrs)
BIBL 471 Christ and Culture (3 hrs)
COMM 102 Speech Communication (3 hrs)
COMP 111 Rhetorical Composition (3 hrs)
COMP 211 Inquiring Minds: Foundational Analytical Composition (3 hrs)
GEOG 202 Cultural and Ethnic Geography (3 hrs) [ethnic studies course]
EXSC 101 Fitness for Life (1 hr)
HUMN 101 Ancient and Medieval Cultures (4 hrs)
HUMN 102 Renaissance and Early Modern Cultures (4 hrs)
HUMN 201 Eighteenth- and Nineteenth-century Cultures (4 hrs)
HUMN 202 Cultures of the Twentieth and Early Twenty-first Centuries (4 hrs)
MATH (3 hrs) [math course]
MLGN 100 Introduction to College and Service (.5 hr)
MLGN 200 Introduction to Calling and Career (.5 hr)
SOCL 201 Introduction to Sociology (3 hrs) [social learning course]
Any two four-hour laboratory science courses (8 hrs)

Major in the arts and sciences (hours vary by major)

Secondary licensing requires a major in the intended licensure area. Acceptable majors include biology, business administration, chemistry, English, history, history with economics, history with government, mathematics, and psychology. See the appropriate pages of the catalog for descriptions of the requirements for each major.

Licensure Courses (42 hrs)

EDUC 150 Introduction to Education (2 hrs)
EDUC 152 Technology in Education (1 hr)
EDUC 231 Psychology and Education of Exceptional Students (3 hrs)
EDUC 234 Classroom Management (2 hrs)
EDUC 307 Secondary Foundations (3 hrs)
EDUC 321 Assessment for Instruction (3 hrs)
EDUC 357 Disciplinary Literacy (3 hrs)
EDUC 409 Secondary Curriculum and Methods (5 hrs)
EDUC 446 Seminar in Teaching, Assessment, and Reflection (1 hr)
EDUC 454 Student Teaching: Secondary (12 hrs)
EDUC 460 Capstone Seminar (1 hr)
PSYC 254 Adolescent Development (3 hrs)
PSYC 356 Cross-Cultural Psychology (3 hrs)

Verification of CPR and/or first aid competency and a successful background check is required for all field experiences and clinical placements.

K-12 Specialty licensure

Milligan offers K-12 teacher education programs in music, vocal and general; music, instrumental; visual arts, theatre, and Spanish. Courses and curricula for these programs are listed in subsequent sections of this catalog. Students seeking teacher licensure are required to complete the courses listed below:

Educational Studies

Course	World Languages/ Visual Arts/ Theatre	Music
EDUC 150	X	X
EDUC 152	X	MUSC 211
EDUC 231	X	X
EDUC 233 or 234	X	MUSC 451/452
EDUC 307	X	MUSC 451
EDUC 321	X	MUSC 451.452
EDUC 357	X	x
EDUC 409	X	MUSC 452
EDUC 446	X	X
EDUC 455	X	X
EDUC 460	X	X
PSYC 252, 253 or 254	X	X
PSYC 356	X	MUSC 250

English as a Second Language Dual Licensure

Dual licensure in English as a Second Language (P-12) is offered with the following programs:

K-5/ESL
Grades 6-12/ESL
K-12/ESL

Students may complete the requirements for dual ESL licensure by completing the requirements for K-5, 6-12, K-12 endorsements along with the ESL coursework requirements below:

6 hours of coursework in a foreign language

EDUC 407 Elementary Curriculum and Methods (4) (for secondary students pursuing the add-on endorsement)
OR
EDUC 409 Secondary Curriculum and Methods (5) (for elementary students pursuing the add-on endorsement)

EDUC 403 Parent and Family Involvement (3)
EDUC 438 Teaching English Language Learners (3 hrs)
EDUC 443ELL Practicum in Teaching English Language Learners (3)
PSYC 356 Cross-Cultural Psychology (3)

Electrical Engineering

William B. Greene, Jr., School of Business and Technology
Area of Engineering

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the electrical engineering major specifically strives to provide high-quality electrical engineering education to prepare students to be servant leaders who serve industry partners, local community, and public through an integration of Christian faith, technical skills, social responsibility, and a global vision. The electrical engineering program serves as a major talent-base of electrical engineers for the Tri-Cities region.

The electrical engineering major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
2. produce solutions that meet specified needs with consideration for public health and safety, and global, cultural, social, environmental, economic, and other factors as appropriate to the discipline;
3. develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions;
4. communicate effectively with a range of audiences;
5. recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
6. recognize the ongoing need to acquire new knowledge, to choose appropriate learning strategies, and to apply this knowledge;
7. function effectively as a member or leader of a team that establishes goals, plan tasks, meet deadlines, and creates a collaborative and inclusive environment.

Graduates with a major in electrical engineering are expected to (1) obtain positions in electrical engineering or related fields, where they apply scientific knowledge and engineering skills to analyze and solve problems; (2) gain practical experiences, professional skills, and ethnical approaches, which enable them to communicate and work effectively with a diversity of stakeholders involved in their personal lives and careers; (3) seek out leadership roles in local, national, and international organizations to demonstrate their social awareness and responsibility; and (4) engage in activities to be motivated or equipped for on-going personal learning and professional growth.

Milligan University's bachelor's degree programs in electrical engineering and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, 415 North Charles St., Baltimore, MD 21201, telephone: (410) 347-7700, www.abet.org. ABET is a nonprofit, non-governmental organization with ISO 9001:2015 certification. It currently accredits 4,361 programs at 850 colleges and universities in 41 countries and areas. More information about ABET, its member societies and the accreditation criteria used to evaluate programs can be found at www.abet.org.

Electrical Engineering major – B.S.

Required courses in the major:

CHEM 170 General Chemistry I (4 hrs)
EENG 201 Applied Electrical Theory I (3 hrs)
EENG 202 Introduction to Digital Systems (3 hrs)
EENG 221 Computer Programming (3 hrs)
EENG 301 Applied Electrical Theory II (3 hrs)
EENG 312 Signals and Systems (3 hrs)
EENG 321 Computer Engineering I (3 hrs)
EENG 362 Microprocessor Applications (3 hrs)
EENG 363 Analog Devices (3 hrs)
EENG 371 Power Systems (3 hrs)
EENG 401 Electromagnetics (3 hrs)
EENG 411 Communication Systems (3 hrs)
EENG 431 Applied Electronics (4 hrs)
EENG 461 Systems and Controls (3 hrs)
EENG 471 Applied Power and Controls (4 hrs)
EENG 481 Electrical Design Project I (3 hrs)
EENG 482 Electrical Design Project II (3 hrs)
FENG 101 Introduction to Engineering (1 hr)
FENG 102 Engineering Fundamentals (3 hr)
FENG 301 Applied Math and Programming for Engineers (3 hrs)
MATH 211 Calculus I (4 hrs)
MATH 212 Calculus II (4 hrs)
MATH 303 Multivariable Calculus (4 hrs)
MATH 307 Linear Algebra (3 hrs)
MATH 309 Differential Equations (3 hrs)
PHYS 203 General Physics I (4 hrs)
PHYS 204 General Physics II (4 hrs)
Technical elective (3 hrs) chosen from the following:

- CS 297 Object Oriented Programming
- CS 320 Networking and Communication
- EENG 322 Computer Engineering II (3 hrs)
- EENG 495 Seminar (with advisor approval)
- IS 341 Systems Analysis and Design
- IS 401 Project Management
- MENG 201 Statics
- MENG 371 Thermodynamics I
- MENG 361 Fluid Mechanics
- MENG 351 Heat Transfer
- MENG 495 Seminar with advisor approval)
- Other course with advisor approval

The following general education requirements are fulfilled in the major:

8 hours of laboratory science
4 hours of mathematics

Total number of required hours in the major: 90

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Engineering majors must complete the Fundamentals of Engineering (FE) Examination (register at www.ncees.org).

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English

School of Arts and Humanities
Area of Humane Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the English major specifically endeavors to prepare students for graduate work in English and related fields, such as law, journalism, editing, public relations, library science/information technology, theology, marketing, customer assistance, and other aspects of the business world, or to train to become English teachers in secondary or post-secondary careers.

The English major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pp 1-2) by preparing graduates who will:

1. demonstrate the ability to read literature with appreciation, understanding, and critical sophistication;
2. demonstrate the ability to write clear and effective literary criticism and analysis;
3. possess the knowledge foundation required to pursue additional education or obtain employment in related field.

English major - B.A.

Required courses in the major:

Six hours of literature from HUMN 101, 102, 201, 202 (6 hrs)
One course from each of the *following seven categories* (21 hrs)
- Shakespeare (ENGL 350)
- Literary Theory (ENGL 360)
- Ethnic Studies (ENGL 362, 375)
- Medieval Renaissance Literature (ENGL 363, 430, 460, 462)
- Nineteenth Century British Literature (ENGL 361, 435)
- Twentieth Century American Literature (ENGL 305)
- ENGL 490 Directed Studies (capstone writing project)*

ENGL elective courses (9 hrs)

THEA 242 (Fundamentals of Acting) and THEA 340 (Fundamentals of Directing) may be applied to the English major.

The following general education requirements are/could be fulfilled in the minor:

3 hours of ethnic studies with ENGL 362 or 375
6 hours from HUMN 101, 102, 201, 202

Total number of required hours: 36

*The senior writing project could be creative or research-oriented.

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, English majors must complete the ETS Major Field Test in English II. The Director of Testing will email students with information about the testing date/location in their final semester.

Licensure

Milligan offers a secondary teacher licensure program in English for grades 6-12. For information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

The secondary English teacher licensure program fulfills the requirements for the English major with the following courses:

Six hours of world literature from HUMN 101,102, 201, 202 ***or*** from ENGL 375 or 402 (6 hrs)
ENGL 305 Time and Trauma in Modern America (3 hrs)
ENGL 311 History and Grammar of the English Language (3 hrs)
ENGL 350 Shakespeare in Conversation (3 hrs)
ENGL 360 Literary Theory (3 hrs)
ENGL 361 Romanticism and its Legacy or 435 Victorian Voices (3 hrs)
Medieval Renaissance Literature (3 hrs from ENGL 363, 430, 460, or 462)
ENGL 490 Directed Studies (can be connected to English pedagogy) (3 hrs)
ENGL elective courses (9 hrs)

*GEOG 202 fulfills the ethnic studies requirement for the GER and the English major for students seeking licensure.

The following general education requirements are/could be fulfilled in the major:

6 hours from HUMN 101, 102, 201, 202

Total number of required hours: 36

For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, English majors must complete the ETS Major Field Test in English II. The Director of Testing will email students with information about the testing date/location in their final semester.

English minor

Required courses in the minor:

Six hours from HUMN 101, 102, 201, 202 (6 hrs)
Electives in both American and English literature (12 hrs)

The following general education requirements are/could be fulfilled in the minor:

3 hours of ethnic studies with ENGL 362 or ENGL 375
6 hours from HUMN 101, 102, 201, 202

Total number of required hours: 18

Ethnic Studies

School of Social Sciences and Education
Area of Social Learning

The Ethnic Studies minor is designed for those students 1) who seek to further their studies in ethnicity beyond the single core course required of every Milligan University traditional undergraduate student as part of the General Education Requirements and 2) who desire to probe the distinctive contributions of people from all ethnicities. One of the strengths of the minor is the range of choices it provides students, who are offered a broad set of course selections across several disciplines to fulfill the minor's requirements.

The Ethnic Studies minor supports the following goals of Milligan University:

- Students will demonstrate social responsibility in numerous ways, such as… displaying increased understanding of and experience with other cultures.
- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material….

The Ethnic Studies minor provides a broad initial foundation for the study of ethnicities, ethnic groups, dynamics of ethnic processes and encounters, ethnic literature, the history of specific ethnic groups, ethnic music, and legal issues which intersect with ethnicity and specific ethnic groups. Students are offered the opportunity to craft a minor which will complement their major field of study and better position them for the emerging ethnic challenges of an increasingly diverse 21st century world.

Ethnic Studies minor

The minor requires any six courses from among approved ethnic studies courses listed below (18 hrs).

Please note that:

1. Students are encouraged to take courses from a variety of disciplines/academic areas but are not required to take certain courses from certain areas.
2. Students who complete a study-abroad program approved for ethnic studies credit are able to waive one of the six required ethnic studies courses.

Approved ethnic studies courses

CH 6020 Studies in Eastern Christianity (3 hrs – graduate course; permission required)
CHIN 200 China Cultural Experience (3 hrs)
ENGL 362 Race and American Culture (3 hrs)
ENGL 375 World Literature and Film (3 hrs)
FILM 170 Religion and the Movies
FILM 271 World Cinema (3 hrs)
FILM 373 History of Animated Film (3 hrs)
GEOG 202 Cultural and Ethnic Geography (3 hrs)
HIST 208 History of the Jews Since 70 A.D. (3 hrs)
LS 304 Law, Politics, and Global Development (3 hrs)
MUSC 250 World Music (3 hrs)
NURS 110M Global Health Issues (3 hrs)
PHIL 230 Islam: Faith and Practice
PHIL 250 African Religions in the Americas (3 hrs)
PHIL 260 African Religions and Philosophy
PHIL 350 Religions of the World (3 hrs)
POLS 215 China and the World (3 hrs)
POLS 230 Politics and Culture of Latin America (3 hrs)
PSYC 356 Cross-Cultural Psychology (3 hrs)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)
SOCL 215 Peoples and Cultures of Asia (3 hrs)
SOCL 314 Race and Ethnic Relations (3 hrs)
SOCL 360 Aspects of Intercultural Studies (3 hrs)
SPAN 312 Survey of Spanish-American Literature (3 hrs)
SPAN 365 Cuban Literature and Culture (3 hrs)
SPAN 402 Civilization and Culture of Latin America (3 hrs)
SPAN 411 Twentieth-Century Spanish-American Novel (3 hrs)

The following general education requirements are/could be fulfilled in the minor:

3 hours of ethnic studies
3 hours of social learning

Total number of required hours: 18

The following Semester Abroad Program is also approved for Ethnic Studies credit: Middle East Studies Program

Exercise Science

School of Sciences and Allied Health
Area of Exercise Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant leaders," the exercise science major specifically endeavors to prepare students to provide appropriate exercise advice in school, community, or clinical settings or to pursue graduate studies.

The exercise science major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. assess both health and skill related components of physical fitness;
2. describe human motion and analyze the anatomical structures which cause it;
3. demonstrate an understanding of human physiology and how body systems are affected by acute and chronic exercise;
4. show preparedness for fieldwork in a variety of exercise related work environments.

Students may choose from four concentrations based on their career goals or plans for graduate study. The skills and knowledge gained through the exercise science program allow students to pursue jobs in school, community, business, or industrial settings and provide a springboard into various graduate programs, including physical therapy, occupational therapy, athletic training, sport management, and other allied health fields.

Exercise Science major - B.A. or B.S.

Coaching for Performance concentration

Core courses

EXSC 308 Measurement and Evaluation (3 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)

Coaching for Performance concentration courses

EXSC 201 Foundations and Legal Issues in Physical Education (3 hrs)
EXSC 208 Principles of Training: Speed & Strength (3 hrs)
EXSC 260 Sport Psychology (3 hrs)
EXSC 302 Coaching & Officiating (total of 4 hrs)
EXSC 309 Sport Injuries (3 hrs)
EXSC 322 Coaching for Character (2 hrs)
EXSC 325 Sport Communication (2 hrs)
EXSC 404 Organization and Management of Physical Education and Sport (3 hrs)
EXSC 433 Sport Nutrition (2 hrs)
EXSC 491 Field Work (4 hrs)

The following general education requirements are fulfilled in the major with the coaching for performance concentration:

4 hours of laboratory science credits

Total number of required hours in the major with Coaching for Performance concentration: 40

Fitness and Wellness concentration

Core courses

EXSC 308 Measurement and Evaluation (3 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)

Fitness and Wellness concentration courses

BADM 361 Principles of Management (3 hrs)
BIOL 250 and 251 Anatomy and Physiology I and II (8 hrs)
EXSC 271 Foundations of Wellness (3 hrs)
EXSC 307 Recreational Leadership and Outdoor Education (2 hrs)
EXSC 401 Research Methods (3 hrs)
EXSC 436 Exercise in Health and Disease (3 hrs)
EXSC 491 Field Work (6 hrs)

The following general education requirements are fulfilled in the major with the fitness and wellness concentration:

1 hour of EXSC 101
8 hours of laboratory science

Total number of required hours in EXSC with Fitness and Wellness concentration: 39

Pre-professional concentration

Core courses

EXSC 308 Measurement and Evaluation (3 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)

Pre-professional concentration courses

BIOL 250 and 251 Anatomy and Physiology I and II (8 hrs)
CHEM (4 hrs)
EXSC 271 Foundations of Wellness (3 hrs)
EXSC 333 Human Nutrition (3 hrs)
EXSC 401 Research Methods (3 hrs)
EXSC 436 Exercise in Health and Disease (3 hrs)
EXSC 491 Field Work (6 hrs)

The following general education requirements are fulfilled in the major with the Pre-professional concentration:

1 hour of EXSC 101
8 hours of laboratory science credits

Total number of required hours in EXSC with Pre-professional concentration: 41

Sport Management concentration

Core courses

EXSC 308 Measurement and Evaluation (3 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)

Sport Management concentration courses

BADM 210 Survey of Business (3 hrs)
BADM 361 Principles of Management (3 hrs)
BADM 491 Internship (3 hrs)
BIOL 150 Essentials of Human Anatomy and Physiology (4 hrs)
EXSC 271 Foundations of Wellness (3 hrs)
EXSC 307 Recreational Leadership and Outdoor Education (2 hrs)
EXSC/BADM 382 Sport Marketing (2 hrs)
EXSC/BADM 383 Sport Finance (2 hrs)
EXSC/BADM 384 Sport Facilities (2 hrs)
EXSC/BADM 386 Sport Law and Ethics (2 hrs)
EXSC 404 Organization and Management of Physical Education and Sport (3 hrs)

The following general education requirements are fulfilled in the major with the sport management concentration:

1 hour of EXSC 101
8 hours of laboratory science

Total number of required hours in EXSC with Sport Management concentration: 40

In addition to courses in the major (and minor, if applicable), students

must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Exercise Science majors must complete a faculty-created exam in their concentration. The Director of Testing will email students with information about the testing date/location in their final semester.

Exercise Science minor

Based upon Milligan University's mission "to honor God by educating men and women to be servant leaders," the exercise science major specifically endeavors to prepare students to coach in school or community settings or to pursue graduate studies in coaching.

The exercise science major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. describe human motion and analyze the anatomical structures which cause it;
2. demonstrate an understanding of human physiology and how body systems are affected by acute and chronic exercise.

Required courses in the minor:

BIOL 250 and 251 Anatomy and Physiology (8 hrs)
CHEM (4 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)

The following general education requirements are fulfilled in the minor:

8 hours of laboratory science

Total number of required hours: 20

Film

School of Arts and Humanities
Area of Performing, Visual and Communicative Arts

Film major - B.A. or B.S.

The bachelor of arts in film and bachelor of science in film are liberal arts degrees that provide students with an interdisciplinary undergraduate education and a solid foundation in the three essential disciplines within the artistic study of cinema: film production, film history, and film theory. The film major examines motion pictures as a medium of artistic expression with a particular focus on developing critical skills centered within a Christian worldview and production skills designed to provide students with the means to express their God-given personalities and talents. The program culminates in a capstone short film project for the student's professional portfolio and for exhibition at various short film festivals including the Milligan University "Famous for Fifteen Minutes" Short Film Festival.

The film major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate a clear understanding of the fundamental cinematic skills, aesthetic principles, and technologies necessary in the making of motion pictures;
2. demonstrate the capacity to formulate a personal philosophy and aesthetic direction for their filmmaking;
3. demonstrate detailed knowledge of the history of cinema;
4. demonstrate a basic understanding of the interplay between cinema, popular culture, and the other creative arts; and
5. be capable of constructing intelligent standards for the critical evaluation of motion pictures.

Along with an optional semester of study at the Los Angeles Film Studies Program, the film major will prepare a student for work within the motion picture industry or for application to a graduate film school program where he or she may earn a terminal Master of Fine Arts degree in cinema.

Required courses in the major:

ART 250 Drawing 1 (3 hrs)
ART 287 Digital Photography 1 (3 hrs)
COMM 101 Popular Culture, Mass Media, and Religion (3 hrs)
COMM 438 Communications Law (2 hrs)
ENGL 274 Film Criticism (3 hrs)
FILM 271 World Cinema (3 hrs)
FILM 276 Writing for Stage and Screen (3 hrs)
FILM 277 Basic Film & Video Production (3 hrs)
FILM 372 History of Documentary Film (3 hrs)
FILM 373 History of Animated Film (3 hrs)
FILM 377 Intermedia Film & Video Production (3 hrs)
FILM 477 Advanced Film & Video Production (3 hrs)
IMD 115 Motion Graphics 1 (3 hrs)
MUSC 165 Survey of Classical and Film Music (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)

The following general education requirements may be fulfilled in the major:

3 hours of ethnic studies (FILM 271)

Total number of required hours: 44

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.
To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

To round out their interdisciplinary liberal arts education, film students are *strongly* encouraged to pursue an 18-hour minor in another subject.

Recommended elective courses: If time permits, the following courses are recommended as elective courses: COMM 284, Digital Audio Production; COMM 384, Digital Recording Techniques; ECON 170, Personal Finance; ENGL 374, From Page to Screen: The Art of Adaptation; ENGL 375, World Literature and Film; FILM 170, Religion and the Movies; GRDS 256, Introduction to Graphic Design & Visual Communication; GRDS 313, Publication Design; IMD 220, Vector Animation.

Capstone Assessment

Prior to graduation, Film majors must compile a portfolio of their work, demonstrating their competencies related to the stated outcomes for their program. The final form of the portfolio is assessed by faculty as part of the required Advanced Film and Video Production course (FILM 477), which should be taken during a student's final year.

Filmmaking minor

This minor emphasizes motion picture production.

Required courses in the minor:

ART 287 Digital Photography I (3 hrs)
FILM 276 Writing for Stage and Screen (3 hrs)
FILM 277 Basic Film & Video Production (3 hrs)
FILM 377 Intermediate Film & Video Production (3 hrs)
FILM 477 Advanced Film & Video Production (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)

Total number of required hours: 18

Film Studies minor

This minor emphasizes the academic study of cinema.

Required courses in the minor:

ENGL 274 Film Criticism (3 hrs)
ENGL 374 From Page to Screen: The Art of Adaptation (3 hrs)
ENGL 375 World Literature and Film (3 hrs)
FILM 271 World Cinema (3 hrs)
FILM 372 History of Documentary Film (3 hrs)
FILM 373 History of Animated Film (3 hrs)

The following general education requirements may be fulfilled in the minor:

3 hours of ethnic studies (FILM 271)

Total number of required hours: 18

Additional Opportunities

Los Angeles Film Studies Center (LAFSC) (not available at this time)

The Los Angeles Film Studies Center exists to provide a space for people who are passionately driven to create stories. We train students in the craft of expressing their authentic voice while walking out their faith journey. What does it look like to make films that are as focused on method as message? How do you tell stories that ring true without robbing your audience of their right to come to their own conclusions? How can you truly be yourself and tell your story in the midst of Christian community? We could tell you. But come to the LAFSC and let us show you. We immerse you in the film industryt with us, introducing you to like-minded people living and working in the business, including many who have come through our program. We provide equipment, knowledge and opportunities to make your mark in this culture. Wherever you are in your journey of faith and film, we want to help you arrive at that next step. Students earn 16 semester hours.

Fine Arts

School of Arts and Humanities
Area of Performing, Visual and Communicative Arts

See separate sections for:
Art, Photography, and Theatre Arts.

Fitness and Wellness

School of Sciences and Allied Health
Area of Exercise Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant leaders," the fitness and wellness minor specifically prepares students to provide appropriate exercise advice in community or clinical settings or to pursue graduate studies.

The exercise science major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. describe human motion and analyze the anatomical structures which cause it;
2. demonstrate an understanding of human physiology and how body systems are affected by acute and chronic exercise.

Exercise Science major - B.A. or B.S. (39 hrs)

Concentration in Fitness and Wellness

A student may declare an EXSC major with a concentration in fitness and wellness. For further information on this major, refer to the information under the listing Exercise Science (EXSC).

Fitness and Wellness minor

Required courses in the minor:

BIOL 150 Essentials of Human Anatomy and Physiology (4 hrs)
EXSC 271 Foundations of Wellness (3 hrs)
EXSC 341 Exercise Physiology (4 hrs)
EXSC 352 Kinesiology and Biomechanics (4 hrs)
EXSC 436 Exercise in Health and Disease (3 hrs)

The following general education requirement is fulfilled in the minor:

4 hours of laboratory science

Total number of required hours: 18.

French

School of Arts and Humanities
Area of Humane Learning

The French program supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts. .

- Students will gain an enriched quality of life through . . appreciation for the arts . . . and preparation for graduate studies and a rewarding career or profession.

The French program emphasizes the four language skills of listening, speaking, reading, and writing. While the primary focus is on developing competency in communication, the secondary French licensure program and the French minor provide a foundation in the literature and culture of the country. Graduates may pursue careers in teaching, in translating and interpreting (with additional study), in the tourism and hospitality industry, or in the diplomatic services. French is a valuable asset in international business, in international agencies (such as the International Red Cross), and in the fashion industry.

The B.A. degree requires foreign language through the intermediate level.

Geography

School of Social Sciences and Education
Area of Social Learning

The study of geography provides students with an awareness of the physical, economic, and political features of the world, the cultures which are encountered in the world's regions, as well as the instruments and devices used in the field of study.

German

School of Arts and Humanities
Area of Humane Learning

German supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts.

- Students will gain an enriched quality of life through . . .appreciation for the arts . . . and preparation for graduate studies and a rewarding career or profession.

German is Europe's most widely distributed language. The official language of Austria, Germany, Liechtenstein, and Switzerland, German is the language of Europe's foremost business economy. Students of music, psychology, theology, and the laboratory sciences find German to be of inestimable value. Mastery of German at the intermediate level equips students to read, write, converse, and do basic academic research.

The B.A. degree requires foreign language through the intermediate level.

Graphic Design

School of Arts and Humanities
Area of Performing, Visual and Communicative Arts

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the graphic design major/program specifically endeavors to prepare students to work in various industries that rely on visual communication design, and to be able to apply their design skills in order to adjust to the inevitable changes in media that are ahead. Possible career opportunities include design for advertising, print design, multimedia design, interactive design, motion graphics, packaging design, and design for social media content. This is accomplished through a curriculum blending critical analyses, theoretical issues, and practical skills. Central to the major is an approach to the study of graphic design from a distinctly Christian worldview.

The graphic design major/program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an understanding of the elements of design and how they apply to various media for visual communication;
2. demonstrate a clear understanding of the fundamental skills, theories, principles, history, business practices, and technologies necessary for visual communication design;
3. demonstrate the capacity to formulate a personal creative process and aesthetic direction for visual communication design;
4. demonstrate an understanding of the ethical responsibilities of a graphic designer, with a specific emphasis on Christian faith.

Course work in this major emphasizes visual communication design. It is recommended that students with a major in graphic design complete a business, communications, or fine arts-related minor. It is also recommended that if scheduling allows, courses listed as options within the major should be taken as electives.

Graphic Design Major – B.A. or B.S.

Required courses in the major

ART 110 Design Fundamentals (3 hrs)
ART 237 Basic Photography or ART 287 Digital Photography I (3 hrs)
ART 250 Drawing I (3 hrs)
COMM 101 Popular Culture, Mass Media, and Religion (3 hrs)
COMM 438 Communications Law (2 hrs)
COMM 439 Communications Ethics (2 hrs)
COMM 460 Media Agency (4 hrs*)
* 1-2 hours per semester, 2-4 semesters
COMM 480 Sr. Capstone: Vocation, Profession, Portfolio (3 hrs)
GRDS 250 History of Graphic Design (3 hrs)
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)
GRDS 313 Publication Design (3 hrs)
GRDS 330 Typography (3 hrs)
GRDS 456 Advanced Graphic Design and Branding (3 hrs)
GRDS 490 Capstone Directed Study (1 hr) or
GRDS 491 Internship (1 hr)
GRDS 494 Graphic Design Showcase Exhibit (1 hr)
IMD 225 Interactive Media Design I (3 hrs)
Choose one three-hour course from the list below:
COMM 277 Basic Film and Video Production (3 hrs)
GRDS 320 Pixel-based Design and Imagery (3 hrs)
IMD 115 Motion Graphics I (3 hrs)
or three-hour elective course with approval of advisor

Total number of required hours: 46

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

During the semester in which they plan to graduate, Graphic Design majors must submit a portfolio of their work, demonstrating their competencies related to the stated outcomes for their program. The final form of the portfolio is assessed by faculty as part of the required Senior Capstone: Vocation, Profession, Portfolio course (COMM 480). Graphic Design majors also complete a portion of the capstone assessment by taking either GRDS 490, Capstone Directed Studies, or GRDS 491, Internship. Students should consult in advance with their primary faculty advisor to ensure the portfolio meets all requirements.

Graphic Design minor

This minor will provide undergraduate students the opportunity to supplement a major with a minor in graphic design. A minor in graphic design is suggested for any student whose future endeavors may involve the creation or implementation of design for visual communication. Students gain in-depth experience using industry-standard computer software while acquiring an understanding of graphic design principles and the various media used in the field. The graphic design minor serves as an excellent complement to a business-related, communications-related, or fine arts-related major. This minor better prepares students for their future careers by offering them additional marketable skills, enabling them to become more viable in today's competitive job market.

If not required by a major, it is strongly recommended that students with a graphic design minor also take COMM 480 Senior Capstone: Vocation, Profession, Portfolio as an elective.

Required courses in the minor:

ART 110 Fundamentals of Design (3 hrs)
ART 237 Basic Photography or ART 287 Digital Photography I (3 hrs)
COMM 460 Media Agency (2 hrs*)
* 1-2 hours per semester, 1-2 semesters
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)
GRDS 313 Publication Design (3 hrs)
GRDS 456 Advanced Graphic Design and Branding (3 hrs)
Choose one three-hour course from the list below:
GRDS 330 Typography (3 hrs)
GRDS 320 Pixel-based Design and Imagery (3 hrs)
IMD 115 Motion Graphics I (3 hrs)
IMD 225 Interactive Media Design I (3 hrs)
or three-hour elective course with approval of advisor

Total number of required hours: 20

Additional Opportunity:
Studio Arts College International (SACI) Semester in Florence, Italy

(www.saci-florence.edu)

Milligan University is a consortium partner institution with Studio Arts College International (SACI), a U.S.-accredited college of art and design in Florence, Italy. Students may apply to study their discipline for a semester abroad in Italy and take 15 hours of courses. Note that acceptance is not guaranteed; students wishing to apply must work with their academic advisors regarding this opportunity.

Greek

School of Bible and Ministry
Area of Biblical Learning

Greek supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts. .
- Students will express the impact of the Christian Scriptures.
- Students will gain an enriched quality of life through . . . preparation for graduate studies and a rewarding career or profession.

Students who pursue the Bachelor of Arts degree, especially Bible majors, may study Koine Greek to fulfill their language requirement through the intermediate level. In addition, students may choose to complete a minor in Greek.

The B.A. degree requires foreign language through the intermediate level.

Greek minor

Required courses in the minor:
GREE 111 Elementary Greek (3 hrs)
GREE 112 Elementary Greek (3 hrs)
GREE 221 or NTS 6010 Intermediate Greek (3 hrs)
GREE 222 or NTS 6020 Intermediate Greek (3 hrs)
Six hours chosen from the following:
GREE 331 Advanced Greek Exegesis (3 hrs)
GREE 332 Advanced Greek Readings (3 hrs)
NTS 6350 Bible Translation (3 hrs)
Approved graduate level New Testament exegesis course (3 hrs)

Total number of required hours: 18

Health Sector Management

William B. Greene, Jr., School of Business & Technology
Area of Business

The health sector management minor supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the social sciences, and to understand a significant body of material in their major field of study.
- Students will gain an enriched quality of life through stewardship of resources and preparation for graduate studies and a rewarding career or profession.

The health sector management minor allows students majoring in other areas to obtain adequate exposure to issues and topics within the health care profession. A student majoring in the health sector management concentration within the business administration major may not minor in health sector management.

Business major - B.A. or B.S. (45 hrs)

Health Sector Management concentration

See "Business Administration" for more information about Milligan's business administration major with concentration in health sector management.

Health Sector Management minor

Required courses in the minor:
BADM 380 Introduction to Health Care Administration (3 hrs)
BADM 480 Long-Term Care Administration (3 hrs)
BADM 481 Policies and Issues in Health Care (3 hrs)
NURS 110M Global Health Issues (3 hrs)
NURS 198 Medical Terminology (1 hr)
Any 6 hours from a 300 or 400 level course in the following: Accounting, Business Administration, or Economics

The following general education requirement is fulfilled in the minor:
3 hours of social learning
3 hours of ethnic studies

Total number of required hours: 19

Hebrew

School of Bible and Ministry
Area of Biblical Learning

Hebrew supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts.
- Students will gain an enriched quality of life through . . . preparation for graduate studies and a rewarding career or profession.

Elementary and Intermediate Hebrew are offered periodically and will fulfill the language requirement for the Bachelor of Arts degree.

The B.A. degree requires foreign language through the intermediate level.

History

School of Arts and Humanities
Area of Humane Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the history major specifically endeavors to help students develop a respect and enthusiasm for sound scholarship, as it introduces students to the various ways that scholars have understood, described, and interpreted the past. In an age skeptical of tradition and infatuated with the contemporary, the study of history helps to broaden the student's world, leading to a richer understanding of the human condition in its various cultural, economic, and social contexts.

The history major/program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

- articulate an understanding of and appreciation for history and the craft of the historian;
- use basic research tools and resources in order to write well about history;
- demonstrate the critical thinking skills and knowledge for graduate study and for teaching history.

The study of history is one of the core disciplines of a liberal arts education. The history faculty has designed the major to provide a broad intellectual foundation for entry into various professional fields. Milligan history majors have become teachers, lawyers, physicians, ministers, archivists, business professionals, and practicing historians. Given their commitment as Christians, the history faculty strives to model the ways Christians do the work of historians and invite history majors to do likewise.

History major – B.A.

Required courses in the major:

Six hours from:
- HUMN 101 Ancient and Medieval Cultures (4 hrs)
- HUMN 102 Renaissance and Early Modern Cultures (4 hrs)
- HUMN 201 Eighteenth- and Nineteenth-Century Cultures (4 hrs)
- HUMN 202 Cultures of the Twentieth and Early Twenty-first Centuries (4 hrs)

HIST 209 United States History I (3 hrs)
HIST 210 United States History II (3 hrs)
HIST 401 History and Historians (1 hr)
HIST 489 Directed Readings or HIST 499A Mentored Research (1 hr)
HIST 494 Senior Thesis Seminar (1 hrs)
Eighteen elective hours that include a broad range of courses extending from the ancient through the modern world, selected in consultation with the advisor (18 hrs)

The following general education requirements are fulfilled in the major:

6 hours of humanities
(Perhaps 3 hours of ethnic studies in elective)

Total number of required hours: 33

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment
Prior to graduation, History majors must complete the Area Concentration Achievement Test (ACAT) in History. The Director of Testing will email students with information about testing date/ location in their final semester.

Licensure
Milligan offers a secondary teacher licensure program in history for grades 6-12. For information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

History licensure programs - B.A. (secondary licensure in history)

GEOG 202 Cultural and Ethnic Geography (3 hrs)
HIST 209 United States History Survey I (3 hrs)
HIST 210 United States History Survey II (3 hrs)
HIST 401 History and Historians (1 hr)
HIST 489 Directed Readings or HIST 499A, Mentored Research (1 hr)
HIST 494 Senior Thesis Seminar (1 hr)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)
6 hours from the humanities sequence (6 hrs)
3 hours of non-western history courses such as 208 History of the Jews since 70 A.D. (3 hrs),
Six hours of European history (6 hrs)
Six hours from HIST 376, 377, 379 ***or*** 380 (6 hrs)
HIST elective (3 hrs)

Total number of required hours: 39

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level

Senior Major Exam
The senior major exam, which is required of all baccalaureate degree-seeking students and evaluates the students in their major fields of study, is administered during the semester in which the student plans to graduate. Students pursuing double majors must complete a major exam in each major. The senior major exam for History is the Major Field Test. All History majors must complete this test prior to graduation.

For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

History minor

Required courses in the minor:
Six hours from HUMN 101, 102, 201, 202 (6 hrs)
Twelve elective hours in history (12 hrs)

Total number of required hours: 18

Honors Program

The mission of Milligan University is to educate students to be servant-leaders and Milligan's Honors Program furthers this goal. The Honors Program is designed to enhance the learning experience of Milligan's most outstanding students by providing exceptional academic challenges and interdisciplinary experiences. Students who are accepted into Honors have the chance to be part of a community that is continually encouraged to ask difficult questions, apply knowledge outside the classroom, and embrace their roles as servant-leaders. Participation in the Honors Program results in a fuller and richer knowledge of both the world and individual self, and in deeper relationships with faculty and fellow students.

The Milligan Honors Program supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major field of study.
- Students will demonstrate social responsibility in numerous ways, such as serving in churches, on the mission field (domestic and foreign), and with social agencies; mentoring, nurturing, and protecting others; and displaying increased understanding of and experience with other cultures.
- Students will gain an enriched quality of life through preparation for graduate studies and a rewarding career or profession.

Curriculum
In addition to the completion of the requirements for the degree in a specific major, students in the Milligan Honors Program will complete the following curriculum:

MLGN 101H Introduction to Honors (1 hr)
HUMN 102 Honors Renaissance and Early Modern Cultures (4 hrs)
HUMN 201 Honors 18th- and 19th Century Cultures (4 hrs)
*Honors elective courses (minimum of 9 hrs.)

*Honors students are required to take three Honors elective courses of their choice in consultation with the program directors. These three courses must total at least nine semester hours of credit. Students must choose at least one course outside of their major as one of their three Honors elective courses.

Honors Colloquia
Activities including but not limited to special lectures, field trips, and conferences intended to enhance and deepen the liberal arts academic experience. At least one colloquium will be provided each semester. Students are required to complete four of these colloquia after the freshman year.

Completion of at least two of four capstone requirements:

- *Honors Service Practicum* – eighty hours of community service work with an approved off-campus agency or provider of services. At the completion of their hours students will be required to give a presentation on what they learned and accomplished at an Honors Roundtable meeting.
- *Study Abroad* – an immersive academic experience in a non-U.S. cultural setting. At the completion of their time abroad students will be required to give a presentation on their experiences and academic development at an Honors Roundtable meeting.
- *Honors Thesis* – research, writing, and presentation of a thesis document reflecting a personal study program undertaken the senior year, pursued under the direction of a faculty member and perhaps an outside expert in the field. A thesis that a student prepared as part of one's major or as a 499 project or its equivalent fulfills this requirement.

- *Research Experience for Undergraduates* – or similar mentored research experience. At the completion of their REU students will be required to give a presentation on what they learned and accomplished at an Honors Roundtable meeting.

Entrance and Good Standing Requirements

To apply for the Milligan Honors Program, a student must be an incoming freshman who meets the following criteria:

a. A high school GPA of at least 3.5 on a 4.0 scale;
b. A score of at least 29 (composite) on the ACT, or a score of 1300 (Critical Reading + Math) on the SAT;
c. Included in the application for admission to Milligan should be:
    1. demonstrated extracurricular interests, community involvement, and leadership ability;
    2. a well-written essay, described in the Milligan application;
    3. two letters of recommendation, including at least one from a high school teacher.

To maintain good standing in the Honors Program, students are required to:

- Maintain full-time status and a minimum cumulative grade point average (GPA) at or above a 3.5 while at Milligan. If a student's GPA falls below a 3.5, he or she will be given one semester of probation to bring that semester's GPA up to a 3.5 or above. If a student's GPA falls short of 3.5 two contiguous semesters, he or she will be dismissed from the Program, subject to the approval of the Honors Committee;
- Abide by good conduct expectations of the University;
- Participate in all aspects of the Honors Program.

Human Anatomy and Physiology

Human Anatomy and Physiology Minor

Required courses in the minor:
Foundations in Human Anatomy and Physiology
BIOL 250 Human Anatomy and Physiology (4 hrs)
BIOL 251 Human Anatomy and Physiology (4 hrs)
Electives – (12 hrs)
BIOL 371 Advanced Human Anatomy (4 hrs)
BIOL 372 Advanced Human and Mammalian Physiology (4 hrs)
BIOL 385 Human Health and Disease (4 hrs)
EXSC 352 Kinesiology and Biomchanics (4 hrs)

The following general education requirements are fulfilled in the minor:
8 hours of laboratory science

Total number of required hours: 20

Humanities

School of Arts and Humanities
Area of Humane Learning

Humanities
General Education Requirement

The humanities program is a major feature of Milligan's general education requirement. The program consists of a four-semester, chronologically based exploration of cultures. Students begin the program by studying ancient and medieval cultures. Subsequent semesters are devoted to Renaissance and early modern cultures, eighteenth and nineteenth-century cultures, and cultures of the twentieth and early twenty-first centuries. The humanities program is team-taught, and interdisciplinary, drawing from history, literature, philosophy, theology, music, and the fine arts. The program emphasizes the study of books that are regarded as classics in the Western tradition. Students engage with this interdisciplinary curriculum in small, discussion-based classes and in large weekly lectures.

The humanities program reflects Milligan's commitment to its identity as a Christian liberal arts university. Rooted in the conviction that a broad education should undergird specialization, the study of the humanities at Milligan is foundational for all further study. Ultimately, the program helps students to become more self-aware with a richer appreciation of who they are, where they have come from, and what ideas have been handed down to them. The program also helps students to appreciate literary and artistic beauty as fundamental expressions of human identity and experience. Finally, the program helps students to think seriously about questions regarding the nature of faithful discipleship to Christ.

Humanities
Major

Based upon Milligan University's mission "to honor God by educating men and women to be servant leaders," the Humanities major specifically endeavors to help students develop and appreciate an understanding of the significance of the intersections between the liberal arts disciplines of art, music, history, literature, philosophy, and religion/theology.

The Humanities major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1 & 2) by preparing graduates who will:

1. grasp the requirements of interdisciplinary study within a broadly –defined field;
2. demonstrate the critical thinking skills needed for graduate study and for teaching;
3. possess an understanding of the connections between academic disciplines and between those disciplines and their Christian faith.

Humanities major - B.A.

Required courses in the major:

Eight hours from HUMN 101, 102, 201, 202 (8 hrs)
HUMN 250 Interdisciplinary Research Methodologies (3 hrs)
HUMN 490 (3 hrs)
Courses from concentration (15 hrs)
Electives from junior and senior level coursework in the disciplines of Bible (not including 471), English, fine arts, foreign language, history, humanities, and philosophy. A few selected 200 level courses have also been approved for inclusion in this major; the humanities advisors have a listing of the specific courses. (6 hrs)

Each student who selects a major in humanities works with the Director of Humanities or an advisor designated by the Director of Humanities to design a program to meet the needs and desires of the individual student. Each student will select one of the following four concentrations within the humanities major: American studies, religious studies, the pre-modern world, or faith and the arts. The student, in consultation with the Director of Humanities and working with an advisory committee, plans the HUMN 490 course, which serves as the capstone course for the major. The HUMN 490 course requires the student to design and carry out an extensive interdisciplinary research or creative project under the guidance of a faculty committee recruited by the student.

The following general education requirements could be fulfilled in the major:

8 hours of HUMN 101, 102, 201, 202
3 hours of ethnic studies, with the selection of an approved ethnic studies course in one of the disciplines listed above.

Total number of required hours: 35

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Humanities majors must complete an individualized course of study/project in Reading and Research in Humane Learning (HUMN 490).

American Studies Concentration

The American Studies concentration gives students a foundation in American culture broadly conceived. Students may focus on North or South American as they make interdisciplinary connections between the history, art and literature of the Americas.

Students should select 15 hours from the following courses, with no more than 3 courses from any single discipline.

ART 367 Art History I: American Art
ENGL 304 Haunted America
ENGL 305 Time and Trauma in Modern America
ENGL 362 Race and American Culture
ENGL 370 Language, Justice, and Creation
HIST 209 US History Survey I
HIST 210 US History Survey II
HIST/COMM 316 The Press in Society
HIST 376 Jefferson to Jackson
HIST 377 The Middle Period: 1840 – 1880
HIST 379 The Gilded Age: 1877 – 1920
HIST 380 The Perils and Promise of Power: The US in the 20th Century
HUMN 211 Introduction to Women's and Gender Studies
POLS 230 Politics and Culture of Latin America
POLS 250 American Foreign Policy
POLS 360 The Presidency
POLS 402 Political Theory
SOCL 221 Latin American Cultures
SPAN 312 Survey of Spanish-American Literature
SPAN 402 Civilization and Culture of Latin America
SPAN 411 Latin American Novel
Humanities USA Tour (1 credit hour)

Total number of hours required for a Humanities major with a concentration in American Studies: 35 hrs

Pre-Modern World Concentration

The Pre-Modern World concentration allows students to explore the history, philosophy, literature and theology of the ancient and medieval world. The interdisciplinary approach encourages students to more fully grasp the connections between the history of the pre-modern period and its philosophical and artistic productions.

Students should select 15 hours from the following courses, with no more than 3 courses from a single discipline:

- BIBL courses (any at the 300-400 level, excluding BIBL 471 and BIBL 473)
- ENGL 363 Arthurian Literature
- ENGL 430 Medieval Literature
- ENGL 460 Chaucer
- HIST 295 Martyrs, Monks and Masses
- HIST 323 Christian Thought in the Greco-Roman World
- HIST 341 Church History: The First Millennium
- HIST 344 The Historical Jesus
- HIST 346 Medieval Theology: Monks, Mystics, and Masters
- PHIL 301 Ancient Philosophy

Total number of hours required for a Humanities major with a concentration in the Pre-Modern World: 35 hrs

Faith and the Arts Concentration

The concentration in Faith and the Arts allows students to explore connections between their faith and the arts by combining courses in theology with courses from the fine arts. Whatever career they pursue, students with this concentration will be prepared to both create art and think carefully about the role of art in the Christian life.

Students should select 6-9 hours of courses from the following Bible, theology, and church history courses:

- BIBL courses (any at the 300-400 level, excluding BIBL 471)
- ECS courses (any Bible, theology, or church history courses)
- ENGL 370 Language, Justice, and Creation
- HIST 208 History of the Jews since AD 70
- HIST 250 Christ, Hitler and Women
- HIST 295 Martyrs, Monks and Masses
- HIST 341 Church History: The First Millenium
- HIST 342 Church History: The Second Millenium
- HIST 345 History of Modern Theology
- HIST 346 Medieval Theology: Monks, Mystics, and Masters
- HIST 352 Reformations of the Sixteenth Century
- HIST 431–432 The Stone-Campbell Movement in the North American Context
- HUMN 523 Life in the Flesh
- PHIL 230 Islam: Faith and Practice
- PHIL 260 African Religions and Philosophy
- PHIL 350 Religions of the World

Students should also select 6 - 9 hours of Fine Arts courses (from art, music, photography, film or theatre)

Total number of hours required for a Humanities major with a concentration in Faith and the Arts: 35 hrs

Religious Studies Concentration

The Religious Studies concentration allows students to explore theological themes from a historical, biblical, religious, or philosophical perspective. This concentration also takes advantage of the resources of Emmanuel Christian Seminary at Milligan.

Students should select 6-9 hours from the following Bible courses:

- BIBL courses (any at the 300-400 level, excluding BIBL 471)
- ECS Bible courses

Students should also select 6-9 hours from the following theology, philosophy, and/or church history courses:

- ECS theology and/or church history courses
- HIST 208 History of the Jews since AD 70
- HIST 250 Christ, Hitler and Women
- HIST 346 Martyrs, Monks and Masses
- HIST 341 Church History: The First Millenium
- HIST 342 Church History: The Second Millenium
- HIST 345 History of Modern Theology
- HIST 346 Medieval Theology: Monks, Mystics, and Masters
- HIST 352 Reformations of the Sixteenth Century
- HIST 431 and 432 Reformation of the Nineteenth Century
- HUMN 519 Ecology, Justice, and the Sacred
- PHIL 230 Islam: Faith and Practice
- PHIL 250 African Traditional Religions in the Diaspora
- PHIL 260 African Religions and Philosophy
- PHIL 321 Ethics
- PHIL 350 Religions of the World

Total number of hours required for a Humanities major with a concentration in Religious Studies: 35 hrs

Humanities teacher licensure programs for elementary education students seeking licensure

Students seeking teacher licensure for elementary education should complete the American Studies concentration in addition to the courses listed below:

- COMP 111 and 211 (6 hrs)
- HIST 209 and 210 United States History Survey I and II (6 hrs)
- HUMN 101, 102, 201, and 202 (16 hrs)
- HUMN 490 Reading and Research in Humane Learning (3 hrs)
- American Studies Concentration (9 hrs in addition to HIST 209 and 210 United States History Survey I and II)
- Electives from junior and senior level course work in the disciplines of Bible (not including 471), English, fine arts, foreign language, history, humanities, and philosophy. A few selected 200 level courses have also been approved for inclusion in this major; the humanities advisors have a listing of the specific courses. (6 hrs)

For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

Humanities minor

Required courses in the minor:

- Sixteen hours from Humanities 101, 102, 201, 202 (16 hrs)
- Elective hours from 200-, 300-, and 400-level courses in the areas of Bible (not including 471), English, fine arts, history, philosophy, and foreign languages (two three-hour courses) as determined in consultation with the Director of Humanities (6 hrs)

The following general education requirements are fulfilled in the minor:

- 16 hours of HUMN 101, 102, 201, 202
- 3 hours of ethnic studies, with the selection of an approved ethnic studies course in one of the disciplines listed above.

Total number of required hours: 22

Information Systems

William B. Greene, Jr., School of Business & Technology
Area of Computer Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the information systems (IS) major specifically endeavors to prepare students for careers as programmers/business analysts, web programmers, management information systems directors, and systems project leaders for applications in business, industry, and government.

The information systems (IS) major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. plan, analyze, design, implement, and evaluate computer technologies, systems, processes, components, and/or programs appropriate to a defined task;
2. plan, analyze, design, and construct information systems to identified specifications, using clear and efficient code in the relevant programming languages(s);
3. implement effective business solutions across an organization that demonstrates appropriate consideration of alternative computer technologies, including networks, servers, programming languages, and database systems;
4. identify and resolve common desktop and network issues;
5. convey technical information effectively to both technical and lay audiences in business-appropriate written and oral forms;
6. collaborate as a team member to achieve a common stated goal.

Course work in this major emphasizes systems analysis and design, programming, security, and project management.

Information Systems major - B.A. or B.S.

Required courses in the major:

COMM 305 Technical and Specialized Writing (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 230 Information Assurance and Security (3 hrs)
CS 320 Networking and Communication (3 hrs)
IS 201 Hardware and Software Fundamentals (3 hrs)
IS 297 Object Oriented Programming – Python (3 hrs)
IS 305 Database Management (3 hrs)
CS 332 Legal, Ethical and Privacy Issues in Cybersecurity (3 hrs)
IS 341 Systems Analysis and Design (3 hrs)
IS 450 Information System Design Capstone (3 hrs)
MATH 213 Statistics (3 hrs)
Technical Electives –9 hrs: In consultation with your advisor, choose any three courses from BADM, CS, EENG, FENG, IS, MATH, or MENG at the 300 level or above.

The following general education requirement is fulfilled in the major:

3 hours of mathematics

Total number of hours required for the major: 42

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Information System majors must complete and submit a Final Project Implementation Report completed as a culminating assignment in IS 450, Information Systems Design Capstone.

Information Systems minor

Required courses in the minor:

COMM 305 Technical and Specialized Writing (3 hrs)
CS 211 Programming Logic (3 hrs)
CS 230 Information Assurance and Security (3 hrs)
CS 320 Networking and Communication (3 hrs)
IS 201 Hardware and Software Fundamentals (3 hrs)
IS 297 Object Oriented Programming –Python (3 hrs)
IS 305 Database Management (3 hrs)
IS 341 Systems Analysis and Design (3 hrs)
Technical Elective in IS or CS (3 hrs)

Total number of required hours: 27

Interactive Media Design

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

Interactive Media Design major - B.A. or B.S.

The major in interactive media design develops a knowledge base of design theory and skills in three fields of computer-based graphics: motion design, web design, and print design. Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the major aims to educate students to become astute visual communicators. The program provides a survey of media types that will broaden the student's understanding of human-computer interaction. Students will explore digital culture and the design field, and their place in the world from a faith-centered perspective.

In addition to hands-on instruction and lecture-based classes, students will gain real-world experience in a variety of settings such as working with clients in Milligan's student-run media agency, creating an online portfolio, participating in group projects, and exhibiting their works.

Graduates of the interactive media design major will be able to pursue design careers with well-rounded digital skills that will help them compete in an ever-evolving market.

The interactive media design major supports Milligan University's institutional outcomes in scholarship, community, and faith. Graduates of this program will be able to:

1. Hone their artistic and technical abilities in order to develop a portfolio based on their career goals;
2. Communicate their ideas through visual rhetoric and language;
3. Understand creative problem-solving and critical thinking across different media platforms;
4. Comprehend the societal responsibility of an artist is to engage and inform, to encourage community cohesion, and increase trust and understanding;
5. Develop a working knowledge of the broad opportunities in the design field (e.g. in-house, agency, freelance, small business, etc.) and the unique challenges of each. It is recommended to minor in Graphic Design or Digital Illustration, depending on the student's career goals.

Required hours in the major:

ART 110 Design Fundamentals (3 hrs)
COMM 460 Student Media Agency (4 hrs)
COMM 480 Senior Capstone: Vocation, Profession, Portfolio (3 hrs)
FILM 277 Basic Film & Video Production (3 hrs)
GRDS 250 History of Graphic Design (3 hrs)
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)
IMD 115 Motion Graphics 1 (3 hrs)
IMD 220 Vector Animation (3 hrs)
IMD 225 Interactive Media 1 (3 hrs)
IMD 230 Blogging & Podcasting (3 hrs)
IMD 305 Digital Illustration 1 (3 hrs)
IMD 315 Motion Graphics 2 (3 hrs)
IMD 325 Interactive Media 2 (3 hrs)
IMD 405 Digital Illustration 2 (3 hrs)
IMD 420 Experimental Media (3 hrs)
IMD 490 Directed Studies: Capstone Project (1 hr)

Total number of required hours: 47

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Interactive Media Design majors must compile a portfolio of their work, demonstrating their competencies related to the stated outcomes for their program. The final form of the portfolio is assessed by faculty as part of the required Capstone, Vocation, Profession, Portfolio course (COMM 480), which should be taken during a student's final year.

Digital Illustration minor

A student may earn a digital illustration minor. For further information on this minor, refer to the information under "Digital Illustration."

Motion Graphics minor

A student may earn a motion graphics minor. For further information on this minor, refer to the information under "Motion Graphics."

Additional Opportunity:

Studio Arts College International (SACI) Semester in Florence, Italy
(www.saci-florence.edu)

Milligan University is a consortium partner institution with Studio Arts College International (SACI), a U.S.-accredited college of art and design in Florence, Italy. Students may apply to study their discipline for a semester abroad in Italy and take 15 hours of courses. Note that acceptance is not guaranteed; students wishing to apply must work with their academic advisors regarding this opportunity.

Intercultural Studies

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Intercultural Studies major specifically endeavors to prepare students for faithful, dynamic, and effective engagement and ministry in intercultural contexts.

The Intercultural Studies major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an ability to reflect holistically upon a given culture and discern the challenges and opportunities for embodying a faithful Christian presence within that culture;
5. demonstrate an ability to approach intercultural engagement in ways that reflect sound theological, philosophical, cultural, political, and practical understandings of ministry;
6. demonstrate competency in teaching or preaching effectively in an intercultural setting;
7. offer evidence of the personal and spiritual maturity necessary for intercultural engagement and ministry.

Intercultural Studies major - B.A.

Required courses in the major:

Bible (12 hrs)

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 hrs of Old Testament from BIBL 252, 301, 304, 343, 351, 352, 355, 405, or 432
3 hrs of New Testament from BIBL 202, 313, 321, 322, 324, 325, 328, 411, 412, or 452

BIBL 295 (Seminar), 489 (Directed Readings), and 495 (Seminar) may be suitable Old or New Testament electives, depending on course content. Approved seminary courses in Old or New Testament may also serve as electives.

Church History/Theology (9 hrs)

HIST 341 Church History (3 hrs)
HIST 342 Church History (3 hrs)
3 hrs of electives chosen from BIBL 473, CMIN 271, CMIN 365, HIST/BIBL 323, HIST/BIBL 343, 344, HIST 250, 345, 346, 352, 432, and other approved church history or theology electives.

Intercultural Studies (32 hrs)

CMIN 260 Ministry Leadership Seminar (Taken two times, 2 hrs each) (4 hrs)
CMIN 270 Fundamentals of Intercultural Studies (3 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)
SOCL 360 Aspects of Intercultural Studies (3 hrs)
POLS 250 American Foreign Policy (3 hrs)
CMIN 480 Theological Integration (1 hr)
CMIN 491C Intercultural Mentored Ministry Experience (3 hrs)
Nine hours of approved courses in CMIN, PSYC, POLS and SOCL, as well as approved seminary courses, chosen in close consultation with one's advisor.

The following general education requirements are fulfilled in the major:

3 hours of social learning
3 hours of ethnic studies

Total number of required hours: 53

In addition to courses in the major, students must complete the General Education Requirements for a bachelor of arts degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Intercultural Studies majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Intercultural Studies minor

The minor in Intercultural Studies equips students to prepare for a lifetime of service to Christ regardless of their primary field of study. Because Milligan believes that "every Christian is a minister," this minor seeks to prepare students to serve effectively as bi-vocational servant-leaders or as voluntary leaders in intercultural contexts.

Required courses in the Intercultural Studies minor:

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
CMIN 270 Fundamentals of Intercultural Studies (3 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
HIST 341 Church History (3 hrs)
HIST 342 Church History (3 hrs)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)

The following general education requirement is fulfilled in the minor:

3 hours of social learning **or** 3 hours of ethnic studies

Total number of required hours: 21

Interdisciplinary Studies – B.A. or B.S.

Available in Several Areas of Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders", the interdisciplinary major specifically endeavors to provide the exceptionally qualified student with an individually crafted combination of courses and experiences to address the student's talents and interests, and which is not already an established major within Milligan. Such a major allows a student to pursue an interest that is most meaningful to the student or to prepare for a specific career requiring a broad range of knowledge.

The interdisciplinary major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will successfully meet individualized student learning outcomes that are established by the student, advisor, and chosen faculty committee during the interdisciplinary major approval process.

The Interdisciplinary Studies major is available to the exceptional student in good standing who **either:**

a) upon entering Milligan University has an ACT of 27 or above and a minimum cumulative GPA of 3.5 after 26 Milligan hours (the student may begin application process after having completed 13 Milligan hours),

OR

b) after having completed 45 Milligan hours has achieved a minimum GPA of 3.8 (the student may begin the application process after having completed 35 Milligan hours).

Process

In addition to meeting the preliminary eligibility requirements as listed above, a student must complete a multi-step process to be admitted into the Interdisciplinary Studies major; this process includes the completion of an eligibility check, formation of a faculty oversight committee, development of an Interdisciplinary Studies major proposal, securing of proposal approval by the Academic Committee, and registration for the Interdisciplinary Studies major through the Registrar's Office. A student desiring to pursue the major must meet with the Academic Dean to complete the initial eligibility check and to receive further instructions regarding the application process.

Requirements

Requirements for the Interdisciplinary Studies major are at least 30 semester hours of course work as identified by the student and the faculty oversight committee.

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Interdisciplinary
Studies majors must complete an assessment of the specific program learning outcomes, e.g. exam, paper, or project, established by the student's faculty committee. If the students will complete a faculty-created exam, the Director of Testing will email the student with information about the testing date/location in their final semester.

International Studies

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the international studies major specifically endeavors to prepare students to effectively respond to the challenges and the possibilities of an increasingly globalized world. It prepares students to be leaders in a wide variety of fields including homeland security, intelligence, diplomacy, humanitarian and refugee assistance, journalism and international communications, international missions and service, development, international law, and academia.

The international studies major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. demonstrate a thorough understanding of global regions and international cultural, political, and economic issues;
2. exhibit excellent interpersonal, verbal, and written communication skills necessary to convey information in a wide variety of settings and workplace environments requiring intercultural competency;
3. have acquired the skills in language and analytical research needed to work, serve, and influence global interactions.

The international studies major provides an interdisciplinary foundation in the study of a broad range of international phenomena including governance, economic development, non-governmental organizations, security, human rights, and diplomacy. Students completing the major will choose an area of concentration from the following three choices: Conflict and Security, Culture and Society, and Development and Sustainability. Students who major in international studies are strongly encouraged to spend at least one term or summer studying, working, or interning abroad.

International Studies major - B.A.

Required Core Courses (12 hrs)
ECON 201 Macroeconomics (3 hrs) OR SOWK 350 International Development: Theory and Practice (3 hrs)
POLS 210 Introduction to International Relations (3 hrs)
POLS 380 Comparative Politics (3 hrs)
SOCL 401 Sociological Research (3 hrs)

Choose three of the following courses on *Regional Studies* (9 hours)
GEOG 202 Cultural and Ethnic Geography (3 hrs)
HIST 331 History of Modern Britain, 1688-Present (3 hrs)
HIST 332 History of Modern France, 1789-Present (3 hrs)
HIST 333 History of Modern Germany, 1806-Present (3 hrs)
HIST 334 Issues in 20th Century Europe (3 hrs)
POLS 215 China and the World (3 hrs)
POLS 230 Politics and Culture of Latin America (3 hrs)
POLS 315 Wars and Revolutions in Asia(3 hrs)
SPAN 401 Civilization and Culture of Spain (3 hrs)
SPAN 402 Civilization and Culture of Latin America (3 hrs)

Choose three courses in one concentration (9 hours)
Conflict and Security
HIST 395 History of the Cold War (3 hrs)
POLS 250 American Foreign Policy (3 hrs)
POLS 280 Introduction to Peace and Justice Studies (3 hrs)
POLS 470 Religion and International Conflict (3 hrs)
POLS 480 Model United Nations (Credits: 1-3)

Culture and Society
ENGL 375 World Literature and Film (3 hrs)
PHIL 350 Religions of the World (3 hrs)
PHIL 230 Islam: Faith and Practice (3 hrs)
POLS 295 International Human Rights (3 hrs)

PSYC 356 Cross-Cultural Psychology (3 hrs)
SPAN 221 Introduction to Hispanic Reading and Culture (3 hrs)
SOCL 210 Cultural Anthropology (3 hrs)
SOCL 360 Aspects of Intercultural Studies (3 hrs)

Development and Sustainability
BADM 250 Introduction to Microfinance (3 hrs)
BADM 340 International Business and Economics (3 hrs)
ECON 350 International Trade and Finance (3 hrs)
POLS/LS 304 Law, Politics, and Global Development (3 hrs)
POLS/SOCL 240 Sustainability and Society (3 hrs)
SOWK 350 International Development: Theory and Practice (3 hrs)
SOWK 391I International Fieldwork

Six additional hours from a Study Abroad, international internship, or from 300-400 level language classes (6 hours)

At least four courses in the major must be at the 300-400 level

Total Number of Required Hours: 36

Capstone Assessment

Prior to graduation, International Studies majors must complete a research paper in Sociological Research (SOCL 401).

International Studies minor

The international studies minor provides a foundation in the study of a broad range of international phenomena, including, but not limited to, governance, economic development, humanitarian aid, non-governmental organizations, and conflict. Students completing the minor will (1) gain knowledge of the international arena that can be applied to their own major area of study; (2) be conversant with the major actors and geographic areas in the international sphere; (3) demonstrate an awareness of the interconnectedness of the modern world. Although foreign language study and travel abroad are highly recommended they are not required for the minor.

Students completing the international politics concentration of the political science major are not eligible to minor in international studies.

Required courses in the minor: (9 hours)
POLS 210 Introduction to International Relations (3 hrs)
POLS 380 Comparative Politics (3 hrs)
SOWK 350 International Development: Theories and Practices (3)

Nine hours of elective courses from the following list: (9 hours)
ENGL 375 World Literature and Film (3 hrs)
HIST 206 History of Islam (3 hrs)
LS 304 Law, Politics, and Global Development (3)
POLS 215 China and the World (3 hrs)
POLS 230 Politics and Culture of Latin America (3 hrs)
POLS 240 Sustainability and Society (3 hrs)
POLS 250 American Foreign Policy (3 hrs)
POLS 315 Wars and Revolutions in Asia (3 hrs)
POLS 470 Politics, Religion and International Conflict (3 hrs)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)
SOCL 215 Peoples and Cultures of Asia (3 hrs)
SOCL 221 Latin American Cultures (3 hrs)
SOCL 360 Aspects of Intercultural Studies (3 hrs)

The following general education requirements are/could be fulfilled in the minor:
3 hours of ethnic studies
3 hours of social learning

Total number of required hours: 18

Leadership (Certificate)

School of Social Sciences and Education
Area of Social Learning

Study leading toward a Certificate in Leadership is specifically designed for students **in any major** who want to cultivate their skills in critical thinking and analysis within the field of leadership development, who want to understand how various leadership theories can be applied within groups and organizations, and who want to become effective leaders in their personal and professional lives. The Certificate in Leadership combines both a) focused academic studies and b) supervised, assessed, co-curricular activities to provide students with conceptual competencies and practical skills. These will enable students to engage their professional, volunteer, and personal environments as effective servants-leaders. A central purpose of the certificate program is to provide a well-designed leadership complement for the students' respective majors.

Leadership certificate (15-16 hrs plus co-curricular activities)

Required courses for the certificate:
Choose one:
COMM 311 Public Relations Strategies (3 hrs)
COMM 345 Dynamics of Group Communication (3 hrs)
COMM 370 The Art of Persuasion (3 hrs)
Choose one:
BADM 362 Human Resource Management (3 hrs)
COMM 341 Principles of Organizational Communication (3 hrs)
NURS 420 Nursing Leadership and Management (3 hrs)
Choose one:
BADM 421 Business Ethics (3 hrs)
COMM 438 Communications Law (2 hrs) **and** COMM 439 Communications Ethics (2 hrs) – (4 hrs total)
PHIL 321 Ethics (3 hrs)
SOWK 380 Social Work Ethics and Applications (3 hrs)
Choose one:
BADM 301 Introduction to Leadership in Organizations (3 hrs)
CMIN 440 Transforming Church Leadership (3 hrs)
Choose one:
XXXX 491 Internship within the student's major (3 hrs)
NURS 420P Nursing Leadership and Management Preceptorship (for nursing majors only) (3 hrs)

Co-curricular Activities
1. Leadership Portfolio which chronicles and evaluates the student's leadership growth and involvement throughout the student's college career. The portfolio includes:
   a) Student's application for completion of the Certificate in Leadership Program. This application is to be filed jointly in the Registrar's Office and with the ISL Director before the end of the semester which precedes the student's final semester. The application lists the courses (completed courses, courses in which the student is currently enrolled, and courses the student anticipates completing during the student's final semester) which fulfill the academic requirements of the certificate.
   b) In addition, the student will write a five-page essay which clearly demonstrates how the 15-16 hours of academic preparation and the co-curricular activities of the certificate program have prepared the student for leadership roles. Deadline for completion of the essay is November 1 (for December graduates) and April 1 (for May graduates). The essay should be submitted to the ISL Director.
   c) Documentation of volunteer activities.
   d) Documentation of leadership roles in campus groups and/or groups outside the Milligan campus, including a Leadership Reflection Journal based on the student's leadership experiences

e) and explaining how those experiences have influenced the student's development as leader.
f) Written formal evaluation of the portfolio by a committee of two Milligan faculty members, the student's academic advisor, and a staff member in Student Leadership. The two-part evaluation will focus a) prior to the XXXX 491 activity on the appropriateness of responsibilities and leadership opportunities and b) after the XXXX 491 activity on the quality of the student's performance in the field.

2. Leadership participation in a designated service activity determined by the ISL director. Recorded reflections of participation in these events should be included in the student's Leadership Reflection Journal.

Recording and recognition: The Certificate in Leadership will be recorded on the student's transcript as "Certificate in Leadership."

Legal Studies

William B. Greene, Jr., School of Business & Technology
Area of Business

The legal studies minor supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the social sciences, and to understand a significant body of material in their major field of study.

- Students will gain an enriched quality of life through stewardship of resources and preparation for graduate studies and a rewarding career or profession.

Business Administration major – B.A. or B.S. (39 hrs)

Legal studies concentration

See "Business Administration" for more information about the business administration major with legal studies concentration.

Legal Studies minor

The minor in legal studies is designed for students interested in attending law school and/or pursuing a career in which a knowledge of legal issues is essential. The legal studies courses within the minor are designed to enhance the student's knowledge of the American legal system, the legal profession and foundational legal topics. The other elective courses within the minor reflect Milligan's commitment to a broad-based, liberal arts education which seeks to develop and strengthen the student's reading, writing, and communication skills. Such skills are essential for success in law school.

Required courses in the minor:

BADM 321, Business Law (3 hrs)
LS 310 Philosophy of Law (3 hrs)
LS 494 Capstone Seminar (3 hrs)
Nine hours of electives chosen from the following:
- ACCT 412 Federal Income Taxation (3 hrs)
- BADM 322 Business Law II (3 hrs)
- COMM 370 The Art of Persuasion (3 hrs)
- LS 304 Law, Politics, and Global Development(3 hrs)
- LS 320 Constitutional Law (3 hrs)
- LS 330 Family Law (3 hrs)
- LS 355 Criminal Law and Procedure (3 hrs)
- LS 491 Internship (3-6 hrs)
- LS 495 Seminar (1-3 hrs)
- POLS 120 American National Government (3 hrs)
- POLS 203 State and Local Government (3 hrs)
- PSYC 357 Interpersonal Relationships and Helping Skills (3 hrs)
- SOCL 211 Social Problems (3 hrs)

The following general education requirements are/may be fulfilled in the major:

3 hours of social learning
Perhaps 3 hours of ethnic studies

Total number of required hours: 18

Mathematics

School of Sciences and Allied Health
Area of Scientific Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Mathematics major specifically endeavors to prepare students to excel in various careers including government, industry, teaching in secondary education, or for graduate study in mathematics.

The mathematics major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. demonstrate proficiency in the core areas of knowledge in mathematics which includes calculus, algebra, and logic;
2. demonstrate analytical thinking and problem-solving skills relevant to the analysis of abstract mathematical ideas and the solving of applied mathematical problems;
3. demonstrate oral and written communication skills necessary to convey abstract mathematical ideas clearly;
4. exhibit competence in mathematics at the level required for vocations in mathematics or post-baccalaureate education.

Mathematics major – B.A. or B.S.

Required courses in the major:

CS 211 Programming I or higher (3 hrs)
MATH 211 Calculus I (4 hrs)
MATH 212 Calculus II (4 hrs)
MATH 301 An Introduction to Mathematical Logic (3 hrs)
MATH 303 Multivariable Calculus (4 hrs)
MATH 307 Linear Algebra (3 hrs)
MATH 308 Modern Algebra (3 hrs)
MATH 411 Real Analysis (3 hrs)
MATH 494 Capstone Seminar (3 hrs)
Three MATH electivesat the 300 level or above (9 hrs)*

*Note: Only math majors who are seeking teacher licensure may count MATH 213 as three of the nine math elective hours in the major. (See the paragraph "Mathematics majors who are seeking licensure" below).

The following general education requirement is fulfilled in the major:

3 hours of mathematics

Total number of required hours: 39

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Mathematics majors who are seeking licensure:

To comply with state licensure requirements, those pursuing teacher licensure must choose MATH 213 or 314; 302; and 304 as all 9 of their math elective hours. For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

Core Exam for all Mathematics majors

Within one semester of completing the core courses (MATH 211, 212, 301, 303, 307, and 411), students must take and pass a core exam. The core exam will cover material from each of the six core courses.

Capstone Assessment

Prior to graduation, Mathematics majors must complete the ETS Major Field Test in Mathematics. The Director of Testing will email students with information about the testing date/location in their final semester.

Mathematics minor

Required courses in the minor:

MATH 211 Calculus I (4 hrs)
MATH 212 Calculus II (4 hrs)
MATH 301 An Introduction to Mathematical Logic (3 hrs)
MATH 303 Multivariable Calculus (4 hrs)
Two MATH electives at the 200 level or above (6 hrs)

Credit may not be received for both MATH 213 and 314.

The following general education requirement is fulfilled in the minor:

3 hours of mathematics

Total number of required hours: 21

Mechanical Engineering

William B. Greene, Jr., School of Business and Technology
Area of Engineering

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mechanical engineering major specifically strives to provide high-quality mechanical engineering education to prepare students to be servant leaders who serve industry partners, local community, and public through an integration of Christian faith, technical skills, social responsibility, and a global vision. The mechanical engineering program serves as a major talent-base of mechanical engineers for the tri-cities region.

The mechanical engineering major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
2. produce solutions that meet specified needs with consideration for public health and safety, and global, cultural, social, environmental, economic, and other factors as appropriate to the discipline;
3. develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions;
4. communicate effectively with a range of audiences;
5. recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
6. recognize the ongoing need to acquire new knowledge, to choose appropriate learning strategies, and to apply this knowledge;
7. function effectively as a member or leader of a team that establishes goals, plan tasks, meet deadlines, and creates a collaborative and inclusive environment.

Graduates with a major in mechanical engineering are expected to (1) obtain positions in mechanical engineering or related fields, where they apply scientific knowledge and engineering skills to analyze and solve problems; (2) gain practical experiences, professional skills, and ethnical approaches, which enable them to communicate and work effectively with a diversity of stakeholders involved in their personal lives and careers; (3) seek out leadership roles in local, national, and international organizations to demonstrate their social awareness and responsibility; and (4) engage in activities to be motivated or equipped for on-going personal learning and professional growth.

Milligan University's bachelor's degree programs in electrical engineering and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, 415 North Charles St., Baltimore, MD 21201, telephone: (410) 347-7700, www.abet.org. ABET is a nonprofit, non-governmental organization with ISO 9001:2015 certification. It currently accredits 4,361 programs at 850 colleges and universities in 41 countries and areas. More information about ABET, its member societies and the accreditation criteria used to evaluate programs can be found at www.abet.org

Mechanical Engineering major – B.S.

Required courses in the major:

CHEM 170 General Chemistry I (4 hrs)
EENG 201 Applied Electrical Theory I (3 hrs)
FENG 101 Introduction to Engineering (1 hr)
FENG 102 Engineering Fundamentals (3 hrs)
FENG 301 Applied Math and Programming for Engineers (3 hrs)
MATH 211 Calculus I (4 hrs)
MATH 212 Calculus II (4 hrs)
MATH 303 Multivariable Calculus (4 hrs)
MATH 307 Linear Algebra (3 hrs)
MATH 309 Differential Equations (3 hrs)
MENG 201 Statics (3 hrs)
MENG 202 Dynamics (3 hrs)
MENG 211 Mechanics of Materials (3 hrs)
MENG 311 Materials and Design (3 hrs)
MENG 331 Machine Design (3 hrs)
MENG 351 Heat Transfer (3 hrs)
MENG 361 Fluid Mechanics (3 hrs)
MENG 371 Thermodynamics I (3 hrs)
MENG 372 Thermodynamics II (3 hrs)
MENG 411 Manufacturing Processes (3 hrs)
MENG 421 Systems and Controls (3 hrs)
MENG 431 Vibrations and Dynamic Systems (3 hrs)
MENG 432 Applied Machine Design (4 hrs)
MENG 471 Applied Thermal-Fluid Sciences (4 hrs)
MENG 481 Mechanical Engineering Design Project I (3 hrs)
MENG 482 Mechanical Engineering Design Project II (3 hrs)
PHYS 203 General Physics I (4 hrs)
PHYS 204 General Physics II (4 hrs)

The following general education requirements are fulfilled in the major:

8 hours of laboratory science
4 hours of mathematics

Total number of required hours in the major: 90

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Engineering majors must complete the Fundamentals of Engineering (FE) Examination (register at www.ncees.org).

Motion Graphics

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

The motion graphics minor fits well with numerous majors including but not limited to art, children's ministry, church leadership, computer science, film, graphic design, interactive media design, humanities, multimedia journalism, public relations, student ministry, and worship leadership. The study of photography may serve to foster students' vocational interests as well as prepare them for more concentrated photography studies in the future.

Motion Graphics minor

Required courses in the minor:

IMD 115 Motion Graphics 1 (3 hrs)
IMD 225 Interactive Media 1 (3 hrs)
IMD 220 Vector Animation (3 hrs)
IMD 315 Motion Graphics 2 (3 hrs)
IMD 420 Experimental Media or IMD 430 Augmented Reality (3 hrs)
IMD 490 Directed Studies or equivalent (1 hr)
FILM 277 Basic Film and Video Production (3 hrs)
GRDS 256 Graphic Design 1 (3 hrs)

Total number of required hours: 22

Multimedia Journalism

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

Multimedia Journalism major - B.A. or B.S.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the multimedia journalism major endeavors to prepare students to work and serve as effective communicators in their professional careers or other vocations. Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major field of study.

The multimedia journalism major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. articulate an understanding—as scholars, professionals, and Christians—of how various communication methods and media shape and are shaped by modern life, particularly in regard to reportage;
2. be able to think, speak, and write clearly and effectively;
3. demonstrate a practical knowledge of the work of journalism and other nonfiction communication;
4. demonstrate knowledge of current research and developments in journalism and other forms on nonfiction;
5. be competent in necessary technology and computer applications.

The multimedia journalism major seeks to prepare students to work in their specialty and to adjust to the inevitable changes that are ahead. This is accomplished through a curriculum blending critical analyses, theoretical issues, and practical skills. Central to the major is an approach to the study of communications from a distinctly Christian perspective.

Accordingly, multimedia journalism majors are strongly encouraged but not required to:

- earn a bachelor of arts (BA) degree, which requires a foreign language through the intermediate level;
- earn a minor in a complementary discipline; and/or
- complete MATH 213, Statistics, to fulfill their math general education requirement.

Required courses in the major:

ART 287 Digital Photography 1 (3 hrs)
ART 337 Photojournalism (3 hrs)
COMM 101 Popular Culture, Mass Media, and Religion (3 hrs)
COMM 105 Introduction to Media Writing (3 hrs)
COMM 438 Communications Law (2 hrs)
COMM 439 Communications Ethics (2 hrs)
COMM 480 Senior Capstone: Vocation, Profession, Portfolio (3 hrs)
FILM 277 Basic Film and Video Production (3 hrs)
IMD 115 Motion Graphics 1 or
IMD 225 Interactive Media Design 1 (3 hrs)
JOUR 215 The News, the World, and You: Issues in Journalism and Media (3 hrs)
JOUR 326 Stampede: Practicum (4 hrs total)
JOUR 331 Advanced Reporting (3 hrs)
JOUR 332 Feature Writing (3 hrs)
JOUR 335 Editing and Style (3 hrs)
JOUR 432 Foundations of Creative Nonfiction (3 hrs)
JOUR 491 Internship (3 hrs)

Total number of required hours: 47

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Multimedia Journalism majors must compile a portfolio of their work, demonstrating their competencies related to the stated outcomes for their program. The final form of the portfolio is assessed by faculty as part of the required Capstone, Vocation, Profession, Portfolio course (COMM 480), which should be taken during a student's final year.

Additional Opportunities

New York City Semester in Journalism (www.tkc.edu/nyc-semester)

Milligan University is a partner institution with the New York City Semester in Journalism (NYCJ), a 15-credit-hour program offered through the Phillips Journalism Institute at The King's College in New York City. With courses in journalism and liberal arts, mentoring, lectures, and readings, students will consider their calling as Christians explore the possibilities of working in mainstream media, and sharpen their reporting, writing, and multimedia skills. An NYCJ internship provides hands-on experience in the media capital of the world. Students from any academic discipline may apply, and NYCJ credits can be integrated into a student's academic plan. Note that acceptance is not guaranteed; students wishing to apply must work with their academic advisors regarding this opportunity.

See also: Professional Writing minor.

Music

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

All Milligan Students

Milligan University offers a wide variety of lessons including voice, piano, guitar, organ, brass, woodwinds, strings, and percussion instruments. In addition, the music area has numerous choral and instrumental ensembles. Applied study and ensemble participation are available to all students at Milligan.

The music program at Milligan produces life-long learners and lovers of music, as well as accomplished performers. Milligan's music faculty consists of knowledgeable and experienced musicians who also are dedicated and caring educators whose focus is helping students achieve their musical goals.

Students can pursue music in a variety of degree programs such as Music Performance, Music Education, Musical Theatre, and Worship Leadership. Elective music courses that enrich the liberal arts education are also available. Throughout each academic year, students have the opportunity to perform and tour nationally and internationally with numerous vocal and choral ensembles and with the orchestra and other instrumental groups.

The music performance calendar features an exciting array of recitals and concerts each year. Milligan students present world premieres and perform with internationally-renowned composers and musicians in addition to collaborating with regional symphonies and participating in professional field work experiences such as at the Contemporary Music Center in Nashville.

Milligan music graduates teach at all levels of music education, conduct professional music organizations, teach studio music, perform professionally, and serve in music ministry positions. Graduates of the music area have pursued further music studies at institutions throughout the United States and abroad.

Music Majors and Minors: Admission to Program

In order to be appropriately placed in the music program at Milligan University, a prospective student must:

- Meet all entrance requirements of the University;
- Demonstrate a minimum proficiency level on a primary voice or instrument to members of the music faculty via a live or video-recorded audition.

Music Performance major - B.A.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the music performance major specifically endeavors to prepare students to be accomplished and well-rounded musicians who are equipped for a variety of professional situations such as performing, teaching, and ministry.

The music performance major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate knowledge of the fundamental elements of music;
2. understand, communicate, and perform in a variety of musical styles;
3. synthesize and apply musical learning.
4. understand their discipline of study with respect to Milligan's mission for servant leadership and the Christian faith.

Required courses in the major:

MUSC 103 Music Colloquium (1 hr)
MUSC 143 Basic Music Theory/Ear Training (3 hrs)
MUSC 144 Basic Music Theory/Ear Training (3 hrs)
MUSC 243 Advanced Music Theory/Ear Training (3 hrs)
MUSC 244 Advanced Music Theory/Ear Training (3 hrs)
MUSC 348 Orchestration and Formal Analysis (3 hrs)
MUSC 363 Basic Conducting (3 hrs)
MUSC 367 Music History and Literature I (3 hrs)
MUSC 368 Music History and Literature II (3 hrs)
MUSC 408 Senior Recital (1 hr) OR MUSC 490 Senior Project (1 hr) OR MUSC 499C Mentored Research (1 hr)***
MUSC 456 Applied Instrumental Pedagogy (2 hrs)
MUSC xxx Primary Ensemble for 6 semesters -1 hr/semester (6 hrs)
MUSC xxx Principal area of applied music concentration for 7 semesters-1 hr/semester (7 hrs)*
MUSC xxx Secondary area of concentration for 2 semesters of same instrument (1 hr OR until a piano proficiency [MUSC 207] is completed)**
Concert and recital attendance (90%/semester of scheduled performances) for 8 semesters

*All music majors whose principal instrument is piano must enroll in one semester of organ study. (.5 hr)
**MUSC 101, 102 Piano as Secondary Concentration instead of applied study if the secondary area of concentration is piano (4 hrs)
*** In order to be eligible for a senior recital, students need to have successfully completed a junior recital.

Total number of required hours: 42

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Applied Study

Applied music study for the music performance major may be in voice, piano, organ, guitar, brass, woodwinds, strings, or percussion. Either the principal or the secondary applied area for the music major must be piano, unless a proficiency (MUSC 207) in piano is demonstrated. Preparation for the proficiency will be developed through class instruction (MUSC 101, 102, 201 Piano as a Secondary Concentration) unless it is the judgment of the piano faculty that a student's substantial background in piano warrants private lessons (MUSC 104 Applied Study-Piano). All music majors whose principal instrument is piano must enroll in one semester of organ study.

Each semester of their applied study, music performance majors take a jury in their principal applied area, unless they have completed a junior or senior recital after mid-term. Students who choose to continue their principal applied study in future semesters after completing degree requirements will be subject to the course requirements in the syllabus about recital performance and juries. Music performance majors also take a jury in their secondary area each semester of their applied study, unless their secondary instrument is piano. Students with piano as their secondary concentration will take a portion of the piano proficiency each semester until all of the components of MUSC 207 Piano Proficiency have been successfully completed. (Any items on the proficiency checklist that are passed will be checked off permanently and will not require retesting.) Students should officially register for MUSC 207 in their second semester. If proficiency items are not completed by the end of the first year, then proficiency work will continue through subsequent and consecutive semesters of piano course enrollment until the proficiency requirement is satisfied.

Music performance majors whose secondary instrument is not piano are also required to take a jury at the end of the semesters that they are counting toward their degree requirement.

Ensembles

Music performance majors must participate in a primary ensemble which uses their particular applied study skill and is approved by their applied professor for six semester hours. (Primary Ensembles: Concert Choir, Women's Chorale, Johnson City Community Concert Band, and Orchestra.) Participation in ensembles will not result in tuition overload charges should the student exceed enrollment in more than 18 hours per semester due to the ensemble credit hours.

Concert and recital attendance **(90%/semester of scheduled performances)** is required of the music major for eight semesters. Failure to meet all recital attendance requirements results in a half a letter grade (5 points) reduction in every music class final average for the semester.

Capstone Assessment

Prior to graduation, Music Performance majors must complete one of the following: MUSC 408 Senior Recital, MUSC 490 Senior Project, or MUSC 499C Mentored Research. (In order to be eligible for a senior recital, students need to have successfully completed MUSC 308-Junior Recital.)

Music Education major – B.A.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the music education major specifically endeavors to prepare students to be accomplished and well-rounded musicians with expertise in research-based educational methodologies including curricular design, pedagogical approaches, and assessment protocols to teach music in K-12 public and private school systems.

The music education major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate knowledge of the fundamental elements of music;
2. understand, communicate, and perform in a variety of musical styles;
3. synthesize and apply musical learning;
4. demonstrate fundamental theory, pedagogy, and methodology of K-12 music education.
5. understand their discipline of study with respect to Milligan's mission for servant leadership and the Christian faith.

Music Education – Instrumental or Vocal

Required courses (includes Teacher Licensure Requirements and Professional Education Courses) in the major:

EDUC 150 Introduction to Education (2 hrs)
EDUC 231 Psychology and Education of Exceptional Students (3 hrs) +
EDUC 357 Disciplinary Literacy (3 hrs)
EDUC 446 STAR-Seminar in Teaching, Assessment, and Reflection (1 hr) (taken the semester before student teaching)
EDUC 455 Student Teaching: K-12 (12 hrs)
EDUC 460 Capstone Seminar OR EDUC 560 Capstone Seminar (1 hr) +
MUSC 103 Music Colloquium (1 hr)
MUSC 143 Basic Music Theory/Ear Training (3 hrs)
MUSC 144 Basic Music Theory/Ear Training (3 hrs)
MUSC 211 Introduction to Music Technology (2 hrs)
MUSC 243 Advanced Music Theory/Ear Training (3 hrs)
MUSC 244 Advanced Music Theory/Ear Training (3 hrs)
MUSC 250 World Music (3 hrs)
MUSC 348 Orchestration and Formal Analysis (3 hrs)
MUSC 363 Basic Conducting (3 hrs)
MUSC 364 Advanced Conducting (3 hrs)
MUSC 367 Music History and Literature I (3 hrs)
MUSC 368 Music History and Literature II (3 hrs)
MUSC 408 Senior Recital (1 hr) OR MUSC 490 Senior Project (1 hr OR MUSC 499C Mentored Research (1 hr))***
MUSC 436 Instrumental Methods I (3 hrs)
MUSC 437 Instrumental Methods II (3 hrs)
MUSC 451 Curriculum and Methods for Elementary Music (3 hrs)
MUSC 452 Curriculum and Methods for Secondary Music (3 hrs)
MUSC xxx Primary Ensemble for 6 semesters -1 hr/semester (6 hrs)
MUSC xxx Principal area of applied music concentration for 7 semesters-1 hr/semester (7 hrs) *
MUSC xxx Secondary area of concentration for 3 semesters of same instrument (1.5 hrs OR until a piano proficiency [MUSC 207] is completed) **
PSYC 252 Developmental Psychology OR PSYC 253 Child Development OR PSYC 254 Adolescent Development (3 hrs)
Concert and recital attendance (90%/semester of scheduled performances) for 8 semesters

* FOR INSTRUMENTAL - A standard band or orchestral instrument must be the principal concentration
*FOR VOCAL - Voice must be the principal or secondary concentration

*All music majors whose principal instrument is piano must enroll in one semester of organ study. (.5 hr)
**MUSC 101, 102, 201 Piano as Secondary Concentration instead of applied study if the secondary area of concentration is piano (6 hrs)
***In order to be eligible for a senior recital, students need to have successfully completed MUSC 308-Junior Recital.
+ These education courses are not taken if the student is enrolling in the Master of Education program.

Additional Licensure Requirements

Complete a background check before participating in a field experience.

Praxis I Core Exams – Reading #5713 (minimum score - 156), Writing #5723 (minimum score – 162), Mathematics #5733 (minimum score – 150) [or a Combined Test #5752] should be taken during the sophomore year or students may not be able to register for education courses; students with an ACT score (with writing) of 22 or higher or an SAT score of 1080 or higher are exempt from taking this exam. (website: ets.org)

Praxis II Exam – Music: Content & Instruction #5114 should be taken no later than mid-term of the semester prior to student teaching (minimum score - 162). (website: ets.org)

Required edTPA Exam - edTPA K-12 Performing Arts #428 (Vocal); #429 (Instrumental) [qualifying score 42] must be passed before graduation. (website: edtpa.com)

Verification of CPR and/or first aid proficiency is required for approval to student teach.

Apply for student teaching by the first week of the semester prior to the student teaching semester. Students must have a minimum GPA of 3.0.

For additional information about the teacher licensure program or about the Praxis II and edTPA exams required for licensure, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

The following general education requirements are fulfilled in the major:

3 hours of social learning
3 hours of ethnic studies

Total number of required hours: 85.5

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Applied Study

Applied music study for the music education major is determined by the type of licensure sought. Either the principal or the secondary applied area for the music education major must be piano, unless a proficiency (MUSC 207) in piano is demonstrated. Preparation for the proficiency will be developed through class instruction (MUSC 101, 102, 201 Piano as a Secondary Concentration) unless it is the judgment of the piano faculty that a student's substantial background in piano warrants private lessons (MUSC 104 Applied Study-Piano). Voice must be the principal or secondary concentration for those students with a major in music education with the vocal concentration. A standard band or orchestral instrument must be the principal concentration for those students with a major in music education with the instrumental concentration. All Music Education majors whose principal instrument is piano must enroll in one semester of organ study.

Each semester of their applied study, Music Education majors take a jury in their principal applied area, unless they have completed a junior or senior recital after mid-term. Students who choose to continue their principal applied study in future semesters after completing degree requirements will be subject to the course requirements in the syllabus about recital performance and juries. Music Education majors also take a jury in their secondary area each semester of their applied study, unless their secondary instrument is piano. Students with piano as their secondary concentration will take a portion of the piano proficiency each semester until all of the components of MUSC 207 Piano Proficiency have been successfully completed. . (Any items on the proficiency checklist that are passed will be checked off permanently and will not require retesting.) Students should officially register for MUSC 207 in their second semester. If proficiency items are not completed by the end of the first year, then proficiency work will continue through subsequent and consecutive semesters of piano course enrollment until the proficiency requirement is satisfied.

Music education majors whose secondary instrument is not piano are also required to take a jury at the end of the semesters that they are counting toward their degree requirement.

Ensembles

Music Education majors must participate in a primary ensemble which uses their particular applied study skill and is approved by their applied professor for six semester hours. (Primary Ensembles: Concert Choir, Women's Chorale, Johnson City Community Concert Band, and Orchestra.). Participation in ensembles will not result in tuition overload charges should the student exceed enrollment in more than 18 hours per semester due to the ensemble credit hours.

Concert and recital attendance (90%/semester of scheduled performances) is required of the music major for eight semesters. Failure to meet all recital attendance requirements results in a half a letter grade (5 points) reduction in every music class final average for the semester.

Capstone Assessment

Music Education majors must successfully complete the edTPA K-12 Performing Arts #428 (Vocal); #429 (Instrumental) [qualifying score 42] prior to graduation.

Musical Theatre major – B.A.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the musical theatre major specifically endeavors to prepare students to be well-rounded performers in acting, singing, and dancing and to apply skills and experiences in technical theatre and stage direction.

The musical theatre major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstate knowledge of the fundamental elements of music
2. understand, communicate, and perform in a variety of musical styles
3. demonstrate fundamental acting and stage dance skills and apply musical learning in connection with the technical and dramatic elements of a theatrical presentation.
4. understand their discipline of study with respect to Milligan's mission for servant leadership and the Christian faith.

Required courses in the major:
MUSC 400 Field Studies - Music (1 hr)
MUSC 100-002 Applied Voice for 6 semesters (6 hrs)
MUSC 101, 102 Piano as Secondary OR MUSC 104 Applied Piano until a piano proficiency [MUSC 207] is completed (2 hrs)
MUSC 103 Music Colloquium (1 hr)
MUSC 143 Basic Music Theory/Ear Training (3 hrs)
MUSC 183 or 184 Primary Choral Ensemble for 3 semesters (3 hrs)
MUSC 254 Musical Theatre Production for 4 semesters (4 hrs)
MUSC 270 Musical Theatre Workshop I (2 hrs)
MUSC 271 Musical Theatre Workshop II (2 hrs)
MUSC 369 Musical Theatre History and Repertoire (3 hrs)
THEA 111 Jazz Dance I (1 hr)
THEA 112 Tap Dance I (1 hr)
THEA 113 Ballet I (1 hr)
THEA 114 Special Topics Dance (1 hr)
THEA 130 Stagecraft (3 hrs)
THEA 141 Fundamentals of Voice/Stage Movement (3 hrs)
THEA 211 Jazz Dance II (1 hr)
THEA 213 Ballet II (1 hr)
THEA 242 Fundamentals of Acting (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)

Electives (Choose 2 from the list below (6 hrs)
THEA 230 Fundamentals of Theatrical Design (3 hrs)
THEA 240 Stage Makeup (3 hrs)
THEA 151 Intro to Theatre (3 hrs)
MUSC 363 Basic Conducting (3 hrs)

Concert and recital attendance (90%/semester of scheduled performances) for 8 semesters

Total number of required hours: 51

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Applied Study
Each semester of their applied study, Musical Theatre majors take a jury in their principal applied area (voice), unless they have completed a junior or senior recital after mid-term. Students who choose to continue their principal applied study in future semesters after completing degree requirements will be subject to the course requirements in the syllabus about recital performance and juries. Students with piano as their secondary concentration will take a portion of the piano proficiency each semester until all components of MUSC 207 Piano Proficiency have been successfully completed. (Any items on the proficiency checklist that are passed will be checked off permanently and will not require retesting.) Students should officially register for MUSC 207 in their second semester. If proficiency items are not completed by the end of the first year, then proficiency work will continue through subsequent and consecutive semesters of piano course enrollment until the proficiency requirement is satisfied.

Ensembles
Musical Theatre majors must participate in a primary choral ensemble for three semester hours. (Primary Choral Ensembles: Concert Choir and Women's Chorale.) Participation in ensembles will not result in tuition overload charges should the student exceed enrollment in more than 18 hours per semester due to the ensemble credit hours.

Concert and recital attendance **(90%/semester of scheduled performances)** is required of the musical theatre major for eight semesters. Failure to meet all recital attendance requirements results in a half a letter grade (5 points) reduction in every music class final average for the semester.

Capstone Assessment
Prior to graduation, Musical Theatre majors must complete a capstone performance or research project to be determined by student's faculty advisor.

Music minor
Required courses in the minor:
- MUSC 103 Music Colloquium (1 hr)
- MUSC 125 Keyboard Fundamentals (2 hrs) OR MUSC xxx Secondary area of concentration for 2 semesters of same instrument for piano principals (.5 hr/semester) (1 hr)
- MUSC 141 Music Theory Fundamentals (2 hrs) OR MUSC 143 Basic Music Theory/Ear Training (3 hrs)
- MUSC 165 Survey of Classical and Film Music (3 hrs)
- Music Electives (MUSC 143, 144, 211, 250, 363, 369, or 454) (6 hrs)
- MUSC xxx Primary Ensemble for 3 semesters – 1 hr/semester (3 hrs)
- MUSC xxx Principal area of applied music concentration for 3 semesters (1.5 hrs)
- Concert and recital attendance (75%/semester of scheduled performances) for 4 semesters

Total number of required hours: 17.5-19.5

Applied Study
Applied music study for the music minor may be in voice, piano, organ, guitar, brass, woodwinds, strings, or percussion. Each semester of their applied study, music minors take a jury in their principal applied area, unless they have completed a junior or senior recital after mid-term. Students who choose to continue their principal applied study in future semesters after completing degree requirements will be subject to the course requirements in the syllabus about recital performance, juries, etc.

Ensembles
Music minors must participate in a primary ensemble which uses their particular applied study skill and is approved by their applied professor for three semester hours. (Primary Ensembles: Concert Choir, Women's Chorale, Johnson City Community Concert Band, and Orchestra.) Participation in ensembles will not result in tuition overload charges should the student exceed enrollment in more than 18 hours per semester due to the ensemble credit hours.

Concert and recital attendance (75%/semester of scheduled performances) is required of the Music minor for four semesters. Failure to meet all recital attendance requirements results in a half a letter grade (5 points) reduction in every music class final average for the semester.

Musical Theatre minor
Required courses in the minor:
- MUSC 100-002 Applied Voice for 1 semester (1 hr)
- MUSC 125 Keyboard Fundamentals (2 hrs)
- MUSC 141 Music Theory Fundamentals (2 hrs) OR MUSC 143 Basic Music Theory/Ear Training (3 hrs)
- MUSC 369 Musical Theatre History and Repertoire (3 hrs)
- THEA 111 Jazz Dance OR THEA 112 Tap Dance OR THEA 113 Ballet (1 hr)
- THEA 151 Introduction to Theatre (3 hrs)
- THEA 240 Stage Makeup (3 hrs)
- THEA 242 Fundamentals of Acting (3 hrs)
- Theatre elective (THEA 130, 141, 230) (3 hrs)
- Concert and recital attendance (75%/semester of scheduled performances) for 4 semesters

Total number of required hours: 21-22

Applied Study
Each semester of their applied study, Musical Theatre minors take a jury in their principal applied area, unless they have completed a junior or senior recital after mid-term. Students who choose to continue their principal applied study in future semesters after completing degree requirements will be subject to the course requirements in the syllabus about recital performance, juries, etc.

Concert and recital attendance (75%/semester of scheduled performances) is required of the Musical Theatre minor for four semesters. Failure to meet all recital attendance requirements results in a half a letter grade (5 points) reduction in every music class final average for the semester.

Nursing

School of Sciences and Allied Health
Area of Nursing

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Baccalaureate Nursing program specifically endeavors to facilitate the ongoing professional development of the whole person seeking educational preparation leading to the Bachelor of Science in Nursing through scholarship, community and faith.

Through a curriculum founded on the Essentials of Baccalaureate Education for Professional Nursing Practice (2008) and the American Nurses Association (ANA) Code of Ethics (2015), the nursing program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pgs. 1-2) by preparing graduates who will:

1. provide professional nursing care based on the synthesis of knowledge derived from relevant life experiences; scientific, social, humane, and Biblical learning; nursing theory and research;
2. initiate developmentally appropriate, independent and collaborative nursing interventions with culturally diverse patients and patient populations, (individuals, families, groups, and communities) through use of the nursing process;
3. utilize patient care technology and information systems to provide quality nursing care;
4. incorporate professional, legal, and ethical nursing standards into their professional nursing practice;
5. assume responsibility and accountability for professional development and ongoing evaluation of the effectiveness of their clinical nursing practice;
6. contribute to the enhancement of cost effective, quality nursing and health care practices within a variety of settings;
7. utilize evidence based practice models to guide their nursing practice;
8. communicate clearly and effectively through a variety of mediums; fostering therapeutic interactions with culturally diverse patients and patient populations as well as collaborative and interdisciplinary relationships with other health care professionals.

Traditional, pre-licensure and LPN to RN students enrolled in the curriculum leading toward the baccalaureate degree in nursing at Milligan University must earn a grade of "C" or higher in in the following coursed to meet progression, retention and graduation requirements of the nursing major:

BIOL 250, 251, and 280; NURS 201/201C (LPN students); 202, 202L, 203, 210, 210C, 220, 220C, 240, 292 (if required), 293 (if required), 305, 306, 310, 310C, 313, 313C, 320, 320C, 323, 323C, 350, 350, 403, 403C, 410, 410C, 420, 420P, 422, 422C, 460, and MATH 213.

The Bachelor of Science in Nursing (BSN) degree program prepares students for professional nursing career opportunities. Upon completion of all BSN degree requirements, graduates of the program may apply to sit for the NCLEX-RN licensure examination. All applicants for the NCLEX-RN must submit an application for initial licensure and all required documentation to the Board of Nursing of the state in which they will obtain licensure.

Nursing major - B.S.N

Required courses in the major:

NURS 202/202L Health Assessment (2 hrs) with Lab (1 hr)
NURS 203 Foundations of Nutrition for Nursing practice (1 hr)
NURS 210/210C Fundamentals of Nursing (3 hrs) with Clinical (1 hr)
NURS 220/220C Fundamentals of Nursing II (3 hrs) with Clinical (1 hr)
NURS 240 Dosage Calculations for Nursing Practice (1 hr)
NURS 292: Test Taking Strategies and Clinical Success (3 hrs)*
NURS 293: Clinical Success (2 hrs)**
NURS 305 Nursing Pharmacology I (2 hrs)
NURS 306 Nursing Pharmacology II (2 hrs)
NURS 310/310C Adult Medical Surgical Nursing I (3 hrs) with Clinical (2 hrs)
NURS 313/313C Maternal-Child Nursing (3 hrs) with Clinical (2 hrs)
NURS 320/320C Adult Medical Surgical Nursing II (3 hrs) with Clinical (2 hrs)
NURS 323/323C Pediatric Nursing (3 hrs) with Clinical (2 hrs)
NURS 350L Introduction to Nursing Research Lecture (2 hrs)
NURS 350S: Introduction to Nursing Research Discussion Section (1 hr)
NURS 392: Test Taking Strategies and Clinical Success (3 hrs)*
NURS 393: Clinical Success (2 hrs)**
NURS 403/403C Psychiatric Mental Health Nursing (3 hrs) with Clinical (2 hrs)
NURS 410/410C Critical Care Nursing (3 hrs) with Clinical (2 hrs)
NURS 420/420P Nursing Leadership and Management (3 hrs) with Preceptorship (3 hrs)
NURS 422/422C Nursing in Community Health Systems (3 hrs) with Clinical (2 hrs)
NURS 460 Nursing Capstone Seminar (1 hr)
NURS 492: Test Taking Strategies and Clinical Success (3 hrs)*
NURS 493: Test Taking Strategies and Clinical Success (2 hrs)**

*Required of all pre-licensure students earning a grade of C- or less, W, WP, or WF in a required nursing course for the BSN degree in the corresponding curriclum level. (see course description)

** Required, after successful completion of NURS 292, 392, or 492, of all pre-licensure students earning a grade of C- or less, W, WP or WF in a required nursing course for the BSN degree in the corresponding curriculum level (see course descripton).

Other required courses:

BIOL 250 Anatomy and Physiology (4 hours)
BIOL 251 Anatomy and Physiology (4 hours)
BIOL 280 Introductory Microbiology and Immunology for the Health Sciences (3 hours)
COMM 102 Speech Communication (3 hours)
MATH 213 Statistics (3 hrs)
PSYC 252 Developmental Psychology (3 hours)

The following general education requirements are fulfilled in the major:

8 hours of lab science
3 hours of speech communication
3 hours of mathematics
3 hours of social learning
1 hour of Fitness for Life (NURS 202)

Total number of required hours: 82

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above.

Capstone Assessment

Upon satisfactory completion of the nursing program requirements and outcomes assessment testing for the nursing major, graduates of the program become eligible to sit for the NCLEX-RN licensure examination. The Area of Nursing, in helping majors prepare for the NCLEX, requires a series of outcomes tests in the last semester of the program as part of the objectives for successful completion of NURS 460. Students must achieve designated passing standards on departmental outcomes assessment tests administered in NURS 460 in order to be cleared for graduation.

Students who do not meet NURS 460 course outcomes in the initial semester of enrollment will:

1) be assigned a grade of "Progress"
2) provided an individualized remediation plan
3) allowed to retake the nursing outcomes test upon completion of their remediation plan without additional cost if taken prior to the start of summer term I
4) have the grade of "Progress" changed to "Pass" on their transcript if course outcomes are met

If the student does not complete all NURS 460 course outcomes by the last working day prior to the start of summer term I the student must register for NURS 460 for 1 hour of credit for the full summer term and each subsequent term until all NURS 460 course outcomes are met. A grade of "Progress" will be issued each semester as long as the student meets syllabus requirements and deadlines until course outcomes are met.

If the student does not meet syllabus requirements and deadlines or does not register for NURS 460 any semester as required, a grade of F will be issued and posted to the transcript. The student may replace the F with a grade of Pass upon successful completion of the NURS 460 outcomes. The grade of F will remain on the transcript and replaced with a Pass as when repeating a course.

Students who do not earn a grade of Pass in the initial spring semester they are enrolled in NURS 460 may participate in pinning and graduation ceremonies.

Students who are repeating their last semester or non-May graduates in the Area of Nursing will be required to repeat or demonstrate course outcomes for NURS 460 by achieving the designated passing standards on the departmental outcomes assessment tests before being cleared for graduation.

RN-BSN students will complete a capstone project in their final semester of study.

The area of nursing reserves the right to update and change the nursing curriculum at the beginning of any academic semester in conjunction with current professional nursing standards. All students seeking to pursue the curriculum plan leading toward a baccalaureate degree in nursing are required to follow a three-step process: initial acceptance, progression, and retention. Students who have been initially accepted are not guaranteed progression in the nursing major. Progression must be sought through an application process and may be limited by the availability of spaces in the class.

Students enrolling in nursing courses must provide documentation of good health and that they are free from communicable disease. They must present clear background checks as set forth by affiliating clinical agencies. Students must be physically and mentally capable, with reasonable accommodation, to perform the essential functions of the program. Students must also meet the following core performance standards: 1) critical thinking ability sufficient for clinical judgment, 2) interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural and intellectual backgrounds, 3) communication abilities sufficient for interaction with others in verbal and written form, 4) physical abilities sufficient to move from room to room and maneuver in small places, 5) gross and fine motor abilities sufficient to provide safe and effective nursing care, 6) auditory abilities sufficient to monitor and assess health needs, 7) visual ability sufficient for observation and assessment necessary for nursing care, and 8) tactile ability sufficient for physical assessment. Admission to and progression in the nursing program is not based on the core performance standards; instead they will be used to assist in determining whether accommodations or modifications are necessary. If a student believes that she or he cannot meet one or more of the core performance standards without accommodations or modifications, it is appropriate for the student to take the responsibility of identifying her or his need for accommodation to the Office of Disability Services and course instructor. The needs of each self-identified student will be addressed on an individualized basis when considering necessary accommodations, and it is recognized that helping to determine successful accommodations is the responsibility of the student, as well as the faculty member. For assistance in accessing accommodations, please contact the Disability Services Office at 423.974.3088 or DisabilityServices@milligan.edu and notify the Area of Nursing that your request is in progress prior to enrollment in nursing courses.

The Area of Nursing reserves the right to update or change clinical requirements based on current information regarding communicable diseases, revised or new area or university policies, or agency requirements.

Accreditation

The baccalaureate program at Milligan University is accredited by the Commission on Collegiate Nursing Education (CCNE), located at 655 K Street, NW, Suite 750, Washington, DC 20001, (202) 887-6791.

Withdrawal, Leave of Absence, and Inactive Students

A student, academically eligible to be in the nursing major (pre-nursing or nursing level), who has been enrolled in clinical courses and discontinues enrollment at the University for any reason and desires to return, will need to re-apply to Milligan University. Upon readmission to the University, the student will meet degree requirements in the catalog under which they are readmitted. The Nursing Admissions, Progress, Retention, and Graduation Committee (APRG) will then review all course work taken toward meeting Milligan degree requirements. The student will be required to repeat all courses in the curriculum level in which they were last enrolled unless the student is granted a waiver by the APRG Committee. This policy will also apply to a student academically eligible to be in the nursing major (pre-nursing or nursing level), who has been enrolled in clinical courses, but elects to discontinue enrollment in the nursing major, continues to take course work at Milligan, and seeks readmission to the nursing major.

Transfer Credit

Once a student enrolls in the undergraduate pre-nursing or nursing program at Milligan University or transfers into the Nursing major; all required nursing courses must be taken at Milligan. Students may not take nursing courses at other colleges or universities to repeat a course where a grade of C- or less, W, WP or WF was earned.

Non-licensed Transfer Students

Non-licensed students who have been enrolled in nursing courses at other colleges or universities who wish to transfer to Milligan University must meet the same core curriculum requirements for progression. Transfer credit will not be accepted for any required nursing courses with the exception of Nursing 350L Introduction to Nursing Research Lecture and Nursing 350S Introduction to Nursing Research Discussion Section with a final grade of C or higher.

LPN Career Mobility Plan

Milligan University offers a career mobility plan for Licensed Practical Nurses (LPNs) who seek to earn the baccalaureate degree leading to eligibility to sit for the NCLEX-RN examination. These students may be awarded credit equivalent to NURS 210/210C and 220/220C. Nursing credits that are awarded under this articulation model will be placed on

individual transcripts only after the student has successfully completed required pre-nursing courses (NURS 201/201C, 202/202L, 203 and 240) at Milligan.

LPN students who have been enrolled in Registered Nurse programs at other colleges, universities, or hospitals who wish to transfer to Milligan University must meet the same core curriculum requirements for progression. Required core curriculum course credits may be transferred and awarded according to pre-established policies of Milligan University. Transfer credit will not be accepted for any required nursing courses with the exception of NURS 350L Introduction to Nursing Research Lecture and NURS 350S Introduction to Nursing Research Discussion Section. LPN students must apply for progression into the major upon completion of the required core and pre-nursing requirements. These students must hold and maintain an unencumbered Tennessee license and must have practiced nursing within 12 months of admission to the nursing program.

Nursing (RN to BSN): Adult Degree Completion Program (ADCP)

School of Sciences and Allied Health
Area of Nursing

Milligan University offers an adult degree completion program with a major in nursing available to registered nurses who want to pursue the Bachelor of Science in Nursing degree. This major is designed for adults who have completed 27 or more semester hours of college credit and are employed as a registered nurse. Degree candidates must also complete the University's general education core of humanities, social and behavioral sciences, natural sciences, and Bible as well as an appropriate number of elective courses. Inquiries are addressed to the Office for Graduate and Professional Studies at 423.461.8782.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Baccalaureate Nursing program specifically endeavors to facilitate the ongoing professional development of the whole person seeking educational preparation leading to the Bachelor of Science in Nursing through scholarship, community and faith.

The adult degree completion program in RN to BSN prepares students for professional nursing career opportunities and for graduate study.

Through a curriculum founded on the Essentials of Baccalaureate Education for Professional Nursing Practice (2008) and the American Nurses Association (ANA) Code of Ethics (2015), the nursing program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pgs. 1-2) by preparing graduates who will: :

1. provide professional nursing care based on the synthesis of knowledge derived from relevant life experiences; scientific, social, humane, and Biblical learning; nursing theory and research;
2. initiate developmentally appropriate, independent and collaborative nursing interventions with culturally diverse patients and patient populations, (individuals, families, groups, and communities) through use of the nursing process;
3. utilize patient care technology and information systems to provide quality nursing care;
4. incorporate professional, legal, and ethical nursing standards into their professional nursing practice;
5. assume responsibility and accountability for professional development and ongoing evaluation of the effectiveness of their clinical nursing practice;
6. contribute to the enhancement of cost effective, quality nursing and health care practices within a variety of settings;
7. utilize evidence based practice models to guide their nursing practice;
8. communicate clearly and effectively through a variety of mediums; fostering therapeutic interactions with culturally diverse patients and patient populations as well as collaborative and interdisciplinary relationships with other health care professionals.

Nursing major - B.S.N.

General education requirements:

BIBL 123M Old Testament Survey (3 hrs)
BIBL 124M New Testament Survey (3 hrs)
BIBL 471M Christ and Culture (3 hrs)
COMP 211M Foundational Analytical Composition (3 hrs)
HUMN 101M Ancient and Medieval Cultures (4 hrs)
HUMN 102M Renaissance and Early Modern Cultures (4 hrs)
HUMN 201M Eighteenth- and Nineteenth-Century Cultures (4 hrs)
HUMN 202M Cultures of the Twentieth and Early Twenty-first Centuries [or electives] (4 hrs)
General electives (4 – 8 hrs)

Required courses in the major:

NURS 110M Global Health Issues (3 hrs)
NURS 301M RN Transition Course* (3 hrs)
NURS 301C-M RN Transition Course Clinical* (2 hrs)
NURS 302M/302L-M Health Assessment for Registered Nurses (4 hrs)
NURS 350L-M/350S-M Introduction to Nursing Research (3 hrs)
NURS 422M/422C-M Community Health Nursing (5 hrs)
NURS 421M Leadership, Management, and Professional Role Integration (3 hrs)
NURS 421P-M Leadership, Management, and Professional Role Integration Practicum (3 hrs)

*Upon successful completion of 12 semester hours of coursework inclusive of NURS 301M/301C-M, the student will be awarded 44 semester hours in nursing credits: NURS 203, 210/210C, 220/220C, 240, 305, 306, 310/310C, 313/313C, 320/320C, 323/323C, 403/403C, and 410/410C.

Total number of required hours in the RN to BSN degree program (ADCP): 58

The area of nursing reserves the right to update and change the RN to BSN curriculum at the beginning of any academic semester in conjunction with current professional nursing standards.

Completing the major takes approximately 19 months of full-time study.

Admission Criteria

For cohorts starting in January, applications must be received by December 1 of the preceding year. For information about other cohort start dates, please contact the Graduate and Professional Studies Office at 423.461.8782.

1. Completion of an ACEN accredited registered nurse diploma or associate degree program, confirmed by official transcripts evaluated by the Registrar's Office
2. Transfer of a minimum of 27 hours of coursework, confirmed by official transcript(s), from a regionally accredited institution comprised of the following; English composition (3 hrs); behavioral/social sciences (3 hrs); history, fine arts, philosophy, or literature (3 hrs); speech communication (3 hrs); anatomy and physiology with lab (8 hrs); introduction to microbiology (4 hrs); probability and statistics (3 hrs). An earned grade eligible for transfer credit is required for these courses.
3. Hold and maintain an unencumbered Tennessee license as an RN or license from a compact state.
4. Documentation of current employment as a Registered Nurse.
5. Good standing at previously attended institutions with a cumulative GPA of 2.0 (on 4.0 scale)
6. Submission of two positive references-one character and one employer
7. Acceptance of the lifestyle statement as evidenced by completing and signing the application form
8. Submission of completed application and payment of the non-refundable application fee ($30)

Enrollment Confirmation

Confirmed admission to the group is granted on the date the enrollment confirmation form and $200 enrollment deposit is received in the Office for Graduate and Professional Studies.

Matriculation Requirements

Prior to the start of the first semester of enrollment, students must provide documentation of good health and that they are free from communicable disease. They must present clear background checks as set forth by affiliating clinical agencies. Students must be physically and mentally capable, with reasonable accommodation, to perform the essential functions of the program. Students must also meet the following core performance standards: 1) critical thinking ability sufficient for clinical judgment, 2) interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural and intellectual backgrounds, 3) communication abilities sufficient for interaction with others in verbal and written form, 4) physical abilities sufficient to move from room to room and maneuver in small places, 5) gross and fine motor abilities sufficient to provide safe and effective nursing care, 6) auditory abilities sufficient to monitor and assess health needs, 7) visual ability sufficient for observation and assessment necessary for nursing care, and 8) tactile ability sufficient for physical assessment. Admission to and retention in the ADCP RN to BSN program is not based on the core performance standards; instead they will be used to assist in determining whether accommodations or modifications are necessary. If a student believes that she or he cannot meet one or more of the core performance standards without accommodations or modifications, it is appropriate for the student to take the responsibility of identifying her or his need for accommodation to the Office of Disability Services and course instructor. The needs of each self-identified student will be addressed on an individualized basis when considering necessary accommodations, and it is recognized that helping to determine successful accommodations is the responsibility of the student, as well as the faculty member. For assistance in accessing accommodations, please contact the Disability Services Office at 423.974.3088 or DisabilityServices@milligan.edu.

The Area of Nursing reserves the right to update or change clinical requirements based on current information regarding communicable diseases, revised or new area or university policies, or agency requirements.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Office of Graduate and Professional Studies requesting permission for readmission. A student who has been academically or socially dismissed may reapply for readmission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the director of adult degree completion programs
2. The director will examine, in consultation with the registrar and Nursing ADCP liaison, the student's original academic records and any courses completed since the suspension
3. Social dismissal is reviewed with the Dean of Students.
4. If there is reason to believe that the student will profit from another opportunity to do college work, he/she will be permitted to enroll with probationary status following at least one ADCP term out of class.
5. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Tuition and Fees

Please see the "Financial Information" section of the catalog for tuition and fees for this program.

Tuition Reimbursement
All students who use tuition reimbursement from their employer to pay their tuition must present a letter from the employer stating the company's reimbursement policy and the employee's eligibility. Milligan University will work with the student and the employer and does not require tuition payment in advance.

Degree Requirements
The student who completes the Bachelor of Science in Nursing degree with a major in nursing must meet the general education requirements (GER) listed in the curriculum above. The degree requirements are as follows:

1. Successful completion of 128 semester hours
2. Successful completion at Milligan University of the fifty-eight semester hours in the GER and the nursing major
3. Minimum grade of C in all required Nursing courses
4. A cumulative grade point average of 2.0 in all work (4.0 scale)

Withdrawal from the University or Dropping a Class

To drop a class or withdraw from the University, see the *Withdrawal Policy* under the *Academic Policies* section of this Catalog.

Any refund of tuition or fees in case of program withdrawal is governed by the refund policy in the finances section of the Catalog. No adjustments or refunds are granted to persons dismissed from a term or program for reasons related to academic performance or academic integrity.

Failing Grades/Incomplete/Retention Standards
A student who withdraws from (grade of "W", "WP" or "WF") or fails a non-nursing course (grade of "F") can be permitted to continue with the same group in subsequent courses for the term so long as the course failed is not a prerequisite to the following course. However, the course in which the failing grade was earned must be repeated successfully prior to graduation. (See also "Probation and Dismissal" below.)

A student who withdraws from (grade of "W", "WP" or "WF") or earns a grade of "C-" or less in a required nursing course may not be permitted to continue with the same group in subsequent nursing courses. The following policies apply to required Nursing courses in the ADCP RN to BSN program.

1. A student who withdraws from (grade of "W", "WP" or "WF") or earns a grade of "C-"or less in a required nursing course is eligible to repeat the course once. A second "W" "WP" or "WF" or "C-"or less makes the student ineligible for retention in the major.
2. A student who makes a grade of "W" "WP" or "WF" or "C-" or less in two required nursing courses is no longer eligible for retention in the major.
3. A student who withdraws from (grade of "W", "WP" or "WF") or makes a grade of "C-" or less in a lab, clinical or preceptorship course must repeat both the lab, clinical, or preceptorship course and companion didactic course.
4. A student who withdraws from (grade of "W", "WP" or "WF")or makes a grade of "C-"or less in a didactic course must repeat both the didactic and companion lab, clinical or preceptorship course.
5. A student who withdraws from (grade of "W", "WP" or "WF") a didactic course with a companion clinical course must withdraw from both courses and will be counted as (1) withdrawal from a nursing course when the student is evaluated for retention in the ADCP RN to BSN program.
6. Students who do not meet the criteria for retention in the ADCP RN to BSN program and have extreme mitigating circumstances contributing to their academic standing may initiate the waiver process as outlined in the Area of Nursing Handbook.

Grades of "Incomplete," or "I," are given at the end of a course only when there is evidence that a significant event or issue interfered with a student's successful completion of the course. Faculty assigning a grade of "I" must complete an "Incomplete Contract" and submit it to the Registrar's Office. The student must resolve the "I" prior to enrollment in a subsequent course(s) through continuing work with the instructor. Only under extraordinary circumstances can the student apply for an incomplete grade and an extension to resolve the "incomplete" grade be granted. Students are reminded to make every effort to avoid "I" grades that are recorded on the transcript.

Repeating Courses
Any student who must or wishes to repeat a course may do so on a space-available basis. Tuition is paid for any repeated courses at the current tuition rate for the group with which the student will meet for that repeated course. See Course Repeat Policy under Academic Policies in this catalog.

Transfer Credit
Once a student matriculates, all required nursing courses must be taken at Milligan. Students may not take nursing courses at other colleges or universities to repeat a course for which a grade of "C-" or less or "W," "WP," or "WF" is earned.

Calendar and Student Load
In consultation with their academic advisor, students enroll in major courses up to twelve semester hours each term. It is recommended that the student not enroll in any additional courses outside the major. However, those students who conclude that additional course work is prudent may take non-major courses if the student has the prior written consent of their academic advisor and associate registrar. Written consent is obtained when a Course Approval Form, available in the Office for Graduate and Professional Studies, is completed. If the student fails to obtain written consent for non-major courses, Milligan University is not committed to apply those hours toward degree requirements. Although completion of all degree requirements is ultimately the responsibility of the student, this procedure supports accurate academic advising.

Probation and Dismissal
See the *Probation and Dismissal Policy* under *Academic Policies* in this Catalog.

Commencement
Degree candidates are encouraged to participate in commencement ceremonies; ceremonies are conducted in May and December each year. Candidates for a degree are identified through their completion of the "Intent to Graduate" form. Degree candidates must have met all degree requirements and the student's account must be paid in full prior to commencement. Arrangements must be completed as early as possible through the Registrar's Office, the Office for Graduate and Professional Studies, and the Business Office

Philosophy

Area of Humane Learning
School of Arts and Humanities

The philosophy minor supports the following goal of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts…and to understand a significant body of material in their major fields of study.

Philosophy involves a thorough examination of the most fundamental questions facing human beings. At Milligan, courses in philosophy are designed to foster the ability to think critically and analytically, communicate clearly and logically, interact with the philosophic tradition, and explore the relationship between philosophy and the Christian faith. Courses in philosophy also aid students in acquiring the intellectual skills needed for integrating knowledge in all areas of human inquiry. As a result, the philosophy minor helpfully complements nearly any major in the liberal arts, offering additional training and experience in critical thinking. Students planning to attend seminary or law school are particularly encouraged to consider the benefits of a philosophy minor.

Philosophy minor

Required courses in the minor:
Three hours from HUMN 101, 102, 201, 202 (3 hrs)
Philosophy electives (15 hrs)

Total number of required hours: 18

Photography

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

The study of photography may nurture students' vocational interests as well as prepare them for more concentrated photography studies in the future. The photography minor fits well with numerous majors including but not limited to art, Bible, business administration, film, graphic design, interactive media design, humanities, multimedia journalism, and public relations.

Photography minor

Required courses in the minor:
ART 237 Basic Photography (3 hrs)
ART 287 Digital Photography I (3 hrs)
ART 310 Intermediate Photography (3 hrs)
ART 337 Photojournalism (3 hrs)
ART 466 History of Photography (3 hrs)
ART or COMM elective (200-400 level) (3 hrs)
ART 490 Directed Studies or an equivalent (1 hr)

Total number of required hours: 19

Additional Opportunity:

Studio Arts College International (SACI) Semester in Florence, Italy
(www.saci-florence.edu)

Milligan University is a consortium partner institution with Studio Arts College International (SACI), a U.S.-accredited college of art and design in Florence, Italy. Students may apply to study their discipline for a semester abroad in Italy and take 15 hours of courses. Note that acceptance is not guaranteed; students wishing to apply must work with their academic advisors regarding this opportunity.

Physical Science

School of Sciences and Allied Health
Area of Scientific Learning

The physical science minor supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major field of study.
- Students will gain an enriched quality of life through awareness of health issues, appreciation for both the arts and sciences, stewardship of resources, and preparation for graduate studies and a rewarding career or profession.
- Students may seek to have a general exposure to the fields of chemistry and physics through the physical science minor. The flexibility which this minor allows a student who is interested in science as a complement to their chosen major may encourage more students to pursue their interest in the physical sciences.

Physical Science minor

Required courses in the minor:
CHEM 170 General Chemistry I (4 hrs)
CHEM 171 General Chemistry II (4 hrs)
CHEM 270 Organic Chemistry I (4 hrs)
PHYS 104 Earth and Space Science (4 hrs)
PHYS 203 General Physics I/Calculus (4 hrs)

The following general education requirements are fulfilled in the minor:
8 hours of laboratory science

Total number of required hours: 20

Physics

School of Sciences and Allied Health
Area of Scientific Learning

The physics course offerings give students a background appropriate for various careers. PHYS 104 Earth and Space Science is intended to give non-science majors a broad exposure to general concepts. PHYS 203 and 204 General Physics I and II/Calculus are the required one-year physics sequence for chemistry majors and are chosen by many biology majors to fulfill requirements of post-baccalaureate programs.

The Physics minor is designed to supplement or enhance career plans for students in other majors. The minor provides a solid foundation in physics for students planning to teach high school sciences, as part of their preparation to become a highly qualified physics teacher alongside teaching another subject. Students in Biology, Chemistry, Computer Science, and Mathematics who choose to minor in Physics will also find themselves prepared to use the analytical skills and physics principles in technical careers or in graduate and professional education in medicine, sciences or engineering. Students considering further study that integrates physics, such as engineering or applied sciences, should consult a faculty advisor to determine whether the minor in physics meets the prerequisites for their chosen post-baccalaureate programs.

Physics minor

Required courses in the minor:
PHYS 203 General Physics I (4 hrs)
PHYS 204 General Physics II (4 hrs
PHYS 311 Wave Phenomena (4 hrs)
PHYS 351 Quantum Mechanics (4 hrs)
MATH 211 Calculus I (4 hrs)
MATH 212 Calculus II (4 hrs)
One elective chosen from the following:
PHYS 352 Analytical Mechanics (4 hrs)
PHYS 354 Thermal Physics (4 hrs)

The following general education requirements are fulfilled in the minor:
8 hours of laboratory science
3 hours of mathematics

Total number of required hours: 28

Political Science

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the political science major specifically endeavors to enable students to effectively engage politics at the local, national, and international levels. It prepares students for careers in government, law, intelligence, security, advocacy, journalism, and education.

The political science major supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2 by preparing graduates who will:

1. possess a thorough understanding of American politics, international politics, comparative politics, and political theory;
2. possess oral and written communication skills necessary to convey information in a government, business, or research environment;
3. have acquired skills in language, methods, and analytical research needed for positions in a variety of political fields.

Coursework in this major emphasizes a broad foundation in the study of American institutions, international relations, comparative politics, and political theory. Two concentrations are available: the General Concentration and the International Politics Concentration. The General Concentration is designed for those students who desire a broad foundation in all areas of politics, while the International Politics Concentration prepares students to engage political realities within the context of global studies. Students may also choose to participate in the American Studies Program or to study abroad in consultation with their advisor.

Political Science major – B.A. or B.S. (39 hrs)

General Concentration -

Required Core Courses (33 hrs)

- MATH 213 Statistics OR SOCL 401 Sociological Research (3 hrs)
- POLS 120 American National Government (3 hrs)
- POLS 210 Introduction to International Relations (3 hrs)
- POLS 320 Constitutional Law (3 hrs)
- POLS 380 Comparative Politics (3 hrs)
- POLS 402 Political Theory (3 hrs)
- POLS 494 Capstone: Senior Seminar (3 hrs)
- Choose two of the following courses in American Politics:
  - HIST 209 United States History Survey I (3 hrs) OR HIST 210 United States History Survey II (3 hrs)
  - POLS 203 State and Local Government (3 hrs)
  - POLS/LS 310 Philosophy of Law (3 hrs)
  - POLS 330 Public Policy (3 hrs)
  - POLS 360 The Presidency (3 hrs)
- Choose two of the following courses in International Politics:
  - POLS 215 China and the World (3 hrs) OR POLS 315 Wars and Revolutions in Asia(3 hrs)
  - POLS 230 Politics and Culture of Latin America (3 hrs)
  - POLS 250 American Foreign Policy (3 hrs)
  - POLS/LS 304 Law, Politics, and Global Development (3 hrs)
  - POLS 470 Politics, Religion and International Conflict (3 hrs)
- Elective hours in political science chosen from the following (6 hrs)
  - Any course listed above not being used to fulfill a requirement for core courses in the general concentration of the political science major (3 hrs).
  - HIST 380 The Perils and Promise of Power: The United States in the Twentieth Century (3 hrs)
  - LS 355 Criminal Law and Procedure (3 hrs)
  - POLS 280 Introduction to Peace and Justice Studies (3 hrs)
  - POLS 295 Seminar (3 hrs)POLS 460 Tennessee Intercollegiate Legislature (1-3 hrs)
  - POLS 480 Model United Nations (1-3 hrs)
  - POLS 490 Directed Studies (1-3 hrs)
  - POLS 491 Field Work (1-3 hrs)
  - POLS 495 Seminar (3 hrs)

A political science major with a concentration in international politics is also available. Students who choose this concentration should follow the degree plan below:

International Politics Concentration -

Required Core Courses (33 hrs)

- MATH 213 Statistics OR SOCL 401 Sociological Research (3 hrs)
- POLS 120 American National Government (3 hrs)
- POLS 210 Introduction to International Relations (3 hrs)
- POLS 320 Constitutional Law (3 hrs)
- POLS 380 Comparative Politics (3 hrs)
- POLS 402 Political Theory (3 hrs)
- POLS 494 Capstone: Senior Seminar (3 hrs)
- Choose four of the following courses in International Politics:
  - POLS 215 China and the World (3 hrs)
  - POLS 230 Politics and Culture of Latin America (3 hrs)
  - POLS 250 American Foreign Policy (3 hrs)
  - POLS/LS 304 Law, Politics, and Global Development (3 hrs)
  - POLS 315 Wars and Revolutions in Asia (3 hrs)
  - POLS 470 Politics, Religion and International Conflict (3 hrs)
- Elective hours chosen from the following (6 hrs)
  - Any course listed above not being used to fulfill a requirement for core courses in the international politics concentration of the political science major (3hrs)
  - GEOG 202 Cultural and Ethnic Geography (3 hrs)
  - HIST 206 History of Islam (3 hrs)
  - POLS 240 Sustainability and Society (3 hrs)
  - POLS 280 Introduction to Peace and Justice Studies (3 hrs)
  - POLS 295 Seminar (3 hrs)
  - POLS 495 Seminar (3 hrs)
  - POLS 480 Model United Nations (1-3 hrs)
  - POLS 490 Directed Studies (1-3 hrs)
  - POLS 491 Field Work (1-3 hrs)
  - SOCL 210 Cultural Anthropology (3 hrs)
  - SOCL 221 Latin American Cultures (3 hrs)
  - SOCL 360 Aspects of Intercultural Studies (3 hrs)

The following general education requirements are fulfilled in both concentrations of the major:

- 3 hours of social learning
- 3 hours of mathematics (if MATH 213 is selected)
- 3 hours of ethnic studies credit may also be fulfilled (see catalog list of ethnic studies courses)

Total number of required hours:

General concentration: 39 hours
International Politics concentration: 39 hours

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Political Science majors must complete the ETS Major Field Test in Political Science. The Director of Testing will email students with information about the testing date/location in their final semester.

Licensure

Milligan University offers a secondary teacher licensure program in government for grades 9-12. Students seeking teacher licensure should take either POLS 203 or POLS 360 as an American Politics elective and POLS 250 as an International Politics elective. For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education Licensure Programs section of the catalog.

Political Science minor

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the political science minor is a valuable addition for students preparing for careers in business, economics, journalism, public relations, social work, and education.

Required courses in the minor:

POLS 120 American National Government (3 hrs)
POLS 210 Introduction to International Relations (3 hrs)
POLS 320 Constitutional Law (3 hrs) **OR** POLS 380 Comparative Politics (3 hrs)
POLS 402 Political Theory (3 hrs)
Six hours of political science electives

The following general education requirements are fulfilled in the minor:

3 hours of social learning

Total number of required hours: 18

History majors pursuing secondary teaching licensure

History majors pursuing secondary teaching licensure may add a government endorsement by adding this minor and appropriate student teaching experience to their program of study.

Pre-Professional Programs

Pre-Law

Advised by faculty in the Area of Business

Milligan University does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power of thinking." While a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan University.

Students considering law school who wish to have exposure to foundational legal subjects are encouraged to obtain a minor in Legal Studies. The courses in Milligan's Legal Studies minor are designed to enhance knowledge of the American legal system, the legal profession and foundational legal topics. Embracing a Christian world-view, the Legal Studies minor will help students develop an appreciation for the unique responsibility Christian legal professionals have in society.

Pre-Medicine and Pre-Dentistry

Advised by faculty in the Area of Scientific Learning

Students interested in pursuing careers as physicians or dentists may choose a major which aligns with their interests and talents; no one major is more highly recommended or preferred. Both medical schools and dental schools have pre-requisite courses which must be taken prior to application and admission and with the help of the pre-health advisor, students will choose their courses to align with the pre-requisites of the schools to which they will be applying.

Seeking admission to either medical school or dental school is a highly competitive process with a wide variety of applicant attributes given consideration such as overall GPA, science GPA, MCAT/DAT score, number of hours worked in a medical setting and types of experiences, strength of recommendation letters, and interview quality. Milligan University graduates have been quite successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisors.

Pre-Optometry (See Allied Health Science Major)

Area of Scientific Learning

Students interested in becoming an optometrist may take 100 hours of coursework at Milligan to fulfill the prerequisites for admission to an optometry program. After matriculation at an U.S. accredited optometry college, 28 hours of first-year optometry courses are transferred back to Milligan to fulfill the Allied Health Science degree requirements. A complete description of the pre-optometry coursework and application process is found in the Allied Health Science major section of the Catalog.

Pre-Pharmacy (See Allied Health Science Major)

Area of Scientific Learning

Students interested in becoming a pharmacist may take 100 hours of coursework at Milligan to fulfill the prerequisites for admission to a pharmacy program. After matriculation at an U.S. accredited pharmacy college, 28 hours of first-year pharmacy courses are transferred back to Milligan to fulfill the Allied Health Science degree requirements. A complete description of the pre-pharmacy coursework and application process is found in the Allied Health Science major section of the Catalog.

Paramedical Fields

Students may choose to pursue a variety of medicine-related career opportunities such as optometry, physician assistant, podiatry, veterinarian, chiropractor, et al. Each of these programs has its own prescribed set of requirements which students fulfill prior to seeking admission to these programs. Several science area faculty have responsibilities for advising students interested in these careers; students should inquire of the Area Chair of Scientific Learning to be assigned to the appropriate advisor.

Professional Writing

Professional Writing minor

The professional writing minor emphasizes skills and professional knowledge that would complement almost any academic major or career interest. This interdisciplinary minor will benefit any students with a strong interest in writing and or a desire to apply their skills and knowledge by pursuing publication in non-academic settings such as blogs, websites, magazines, newspapers, or books.

Required courses in the minor:

- COMM 105 Introduction to Media Writing (3 hrs)
- COMM 370 The Art of Persuasion (3 hrs)
- COMM 480 Senior Capstone: Vocation, Profession, Portfolio (3 hrs)
- ENGL 324 Creative Writing (3 hrs)
- JOUR/ENGL 335 Editing and Style (3 hrs)
- Practicum: JOUR 326 Stampede, and/or COMM 491, Internship (2 hrs)
- 3 hours minimum from the following skills-centered courses:
  - COMM 305 Technical and Specialized Writing
  - FILM 276 Writing for Stage and Screen
  - JOUR 331 Advanced Reporting
  - JOUR 332 Feature Writing
  - JOUR 432 Foundations of Creative Nonfiction
- 3 hours minimum from the following theory or criticism courses:
  - ENGL 274 Film Criticism
  - ENGL 300-400 Select literature survey course
  - ENGL 360 Introduction to Literary Theory & Criticism
  - JOUR 215 The News, the World, and You: Issues in Journalism and Media (3 hrs)

Total number of required hours: 23

See also: Multimedia Journalism major.

Psychology

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the psychology major specifically endeavors to equip students to work in a variety of bachelor-level careers or to pursue graduate work in related fields, such as counseling, social work, occupational therapy, or clinical psychology.

The psychology major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate knowledge of the major concepts, theoretical perspectives, historical trends, and empirical findings in psychology, and learn basic skills and concepts in interpreting behavior;
2. use scientific reasoning to interpret psychological phenomena, demonstrate psychology information literacy, and interpret, design, and conduct basic psychological research;
3. incorporate sociocultural factors in scientific inquiry, apply ethical standards to evaluate psychological science and practice, and adopt values that build community at local, national, and global levels;
4. engage in innovative and integrative thinking and problem solving, demonstrate effective writing and effective presentation skills for different purposes, and interact effectively with others;
5. develop meaningful professional direction for life after graduation.

(All outcomes adapted from *APA Guidelines for the Undergraduate Psychology Major*, 2013, pp. 15-16).

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and as a social science. The major and minor provide a broad background in psychology and offer students the opportunities, if desired, to pursue specialization in an interest area.

Students may choose one of two concentrations to fulfill the requirements for a degree in psychology.

- The general psychology concentration offers flexibility while also ensuring that students have a broad understanding of the field and its applications. Students who plan to pursue teaching licensure or careers in areas other than psychology may find this concentration appealing.

- The pre-professional concentration is designed to prepare students for post-graduate education in psychology or related fields (e.g., occupational therapy). Students who pursue this concentration are required to demonstrate proficiency in research by completing an independent research project. In addition, students choosing the pre-professional concentration will learn about the available careers in psychology and the kinds of graduate programs available. This is accomplished through both a specific course (PSYC 200) and the requirement of an internship. Students are strongly encouraged to talk with their advisor before selecting either of the two concentrations.

Psychology major – B. A. or B.S.

Required courses in the General Concentration:

PSYC 150 General Psychology (3 hrs)
PSYC 252 Developmental Psychology (3 hrs)
PSYC 259 Research Methods in Psychology I (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 353 Theories of Personality (3 hrs)
PSYC 401 History and Systems of Psychology (3 hrs)
PSYC 422 Learning and Cognition ***or*** PSYC 427 Physiological Psychology (3 hrs)
MATH 213 Statistics (3 hrs)
Elective hours in psychology to be chosen in consultation with an advisor (9 hrs)

Students completing this concentration must demonstrate facility in the usage of computers in research and statistics; this is typically accomplished through the PSYC 259 course.

Required courses in the Pre-professional Concentration:

PSYC 150 General Psychology (3 hrs)
PSYC 200 Career Preparation in Psychology (1 hr)
PSYC 252 Developmental Psychology (3 hrs)
PSYC 259 Research Methods in Psychology I (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 353 Theories of Personality (3 hrs)
PSYC 401 History and Systems of Psychology (3 hrs)
PSYC 422 Learning and Cognition (3 hrs)
PSYC 427 Physiological Psychology (3 hrs)
PSYC 491 Field Work in Psychology (at least 3 hrs)
PSYC 499A, 499B, 499C Mentored Research (3 hrs)
MATH 213 Statistics (3 hrs)
Elective hours in psychology to be chosen in consultation with an advisor (6 hrs)

Students in this concentration must demonstrate facility in the usage of computers in research and statistics. This is typically accomplished through the courses PSYC 259 and PSYC 499.

Students in the pre-professional concentration are expected to maintain a minimum overall grade point average of 2.75.

The following general education requirements are fulfilled in both concentrations of the major:

3 hours of social learning
3 hours of mathematics

Total number of required hours:

General concentration: 33
Pre-professional concentration: 40

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Psychology majors must complete the ETS Major Field Test in Psychology. The ETS exam is administered in History and Systems of Psychology (PSYC 401).

Secondary (grades 9-12) teaching licensure: Psychology major (general concentration) with modification – B.A. or B.S. (36 hrs)

PSYC 150 General Psychology (3 hrs)
PSYC 252 Developmental Psychology (3 hrs)
PSYC 253 Child Development (3 hrs)
PSYC 259 Research Methods I (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 353 Theories of Personality (3 hrs)
PSYC 357 Interpersonal Relationships and Helping Skills (3 hrs)
PSYC 401 History and Systems of Psychology (3 hrs)
PSYC 422 Leaning and Memory (3 hrs)
MATH 213 Statistics (3 hrs)
PSYC electives (6 hrs)

Licensure

For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the Catalog.

Psychology minor

Required courses in the minor:

PSYC 150 General Psychology (3 hrs)
PSYC 252 Developmental Psychology (3 hrs)
PSYC 350 Social Psychology (3 hrs)
Elective hours in psychology (9 hrs)

The following general education requirement is fulfilled in the minor:

3 hours of social learning

Total number of required hours in the minor: 18

Public Relations

School of Arts and Humanities
Area of Performing, Visual, and Communicative Arts

Public Relations major - B.A. or B.S.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Public Relations major specifically endeavors to prepare students to work and serve as effective communicators in mass media or organizational settings. This major would be attractive to students who are interested in careers in publicity and promotions, marketing, advertising, internal organizational communication, and related fields.

The Public Relations major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. Show an understanding—as scholars, professionals, and Christians—of how various communication methods and media shape and are shaped by modern life;
2. Be able to think, speak, and write clearly and effectively in their area of expertise;
3. Demonstrate a practical knowledge of the field of public relations;
4. Demonstrate knowledge of current research and developments in their area of expertise;
5. Demonstrate competence in computer applications required in their area of expertise.

Required courses in the major:

BADM 304 Advertising (3 hrs)
BADM 315 Marketing (3 hrs)
COMM 101 Popular Culture, Mass Media, and Religion (3 hrs)
COMM 102 Speech Communication or COMM 180 Storytelling (in addition to General Education Requirement) (3 hrs)
COMM 105 Introduction to Media Writing (3 hrs)
COMM 201 Principles of Interpersonal Communication (3 hrs)
COMM 311 Public Relations Strategies (3 hrs)
COMM 345 Principles of Small Group Communication (3 hrs)
COMM 370 The Art of Persuasion (3 hrs)
COMM 411 Public Relations Practices (3 hrs)
COMM 438 Communications Law (2 hrs)
COMM 439 Communications Ethics (2 hrs)
COMM 460 Student Media Agency (4 hrs total)
COMM 480 Senior Capstone: Vocation, Profession, Portfolio (3 hrs)
COMM 491 Internship (3 hrs)

Total number of required hours: 44

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Public Relations majors must compile a portfolio of their work, demonstrating their competencies related to the stated outcomes for their program. The final form of the portfolio is assessed by faculty as part of the required Capstone, Vocation, Profession, Portfolio course (COMM 480), which should be taken during a student's final year.

Public Relations minor

The public relations minor emphasizes skills and professional knowledge for students who are pursuing majors in other academic areas. This minor would be appropriate for students who have a strong interest in public relations but wish to graduate with a major in another field. This minor would work well for those majoring in business administration. Students who wish to minor in public relations are encouraged to meet with the professor who oversees the public relations major and minor.

Required courses in the minor:

BADM 304 Advertising (3 hrs)
COMM 105 Introduction to Media Writing (3 hrs)
COMM 201 Principles of Interpersonal Communication (3 hrs)
COMM 311 Public Relations Strategies (3 hrs)
COMM 411 Public Relations Practices (3 hrs)
FILM 277 Basic Film & Video Production (3 hrs) ***or*** ART 237 Basic Photography (3 hrs) ***or*** ART 287 Digital Photography I (3 hrs)
GRDS 313 Publication Design (3 hrs)

Total number of required hours: 21

Social Innovation and Design

School of Social Sciences and Education
Area of Social Learning

The Social Innovation and Design minor prepares students to creatively solve social problems. Students will develop their own innovative ideas, such as new types of solutions, projects, or organizations, in design-oriented courses. This multidisciplinary minor combines social learning, business, informational systems, and art courses to inspire human-centered methods for development. Students will be equipped for industries such as: government, non-profit, health and human services, urban planning, education, sustainable energy, and more. The Social Innovation and Design minor supports the following goals of Milligan University:

- Students will demonstrate the ability to acquire, create, and apply knowledge through sound scholarship.
- Students will demonstrate the skills and attributes needed to assume personal responsibility in society and engage culture within the context of Christian community.

This minor is designed for servant-leaders who want to develop innovative solutions to create change in their local and global communities.

Social Innovation and Design minor

Required courses in the minor:

Required Foundational Courses (15 hrs)
SOCL 211 Social Problems (3 hrs) **or** SOWK 210 Introducation to Social Work (3 hrs)
SOWK 220 Innovation for Social Change (3 hrs)
SOWK 350 International Development (3 hrs) **or** SOWK 360 Community Development (3 hrs)
SOCL 240 Sustainability and Society (3 hrs) **or** BADM 250 Microfinance (3 hrs)
SOWK 460 Nonprofit Development (3 hrs) **or** BADM 375 Small Business Management (3 hrs) **or** IS 410 Entrepreneurship (3 hrs)
Performing, Visual, & Communicative Arts Courses (Choose one – 3 hrs)
ART 287 Digital Photography I (3 hrs)
COMM 180 Introduction to Storytelling (3 hrs)
GRDS 256 Introduction to Graphic Design & Visual Communication (3 hrs)
GRDS 313 Publication Design (3 hrs)
ENGL 324 Creative Writing (3 hrs)
THEA 242 Fundamentals of Acting (3 hrs)
THEA 345. Theatre for Young Audiences (3 hrs)

Total number of required hours: 18

Social Work

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Social Work program specifically endeavors to engage students to be advocates for social and economic justice as they serve individuals, families, and communities with dignity and respect in professional roles.

The Social Work program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate ethical and professional behavior;
2. engage diversity and difference in practice;
3. advance human rights and social, economic, and environmental justice;
4. engage in practice-informed research and research-informed practice;
5. engage in policy practice;
6. engage with individuals, families, groups, organizations, and communities;
7. assess individuals, families, groups, organizations, and communities;
8. intervene with individuals, families, groups, organizations and communities;
9. evaluate practice with individuals, families, groups, organizations and communities.

The Social Work curriculum emphasizes a competency-based approach to prepare students for generalist practice at the baccalaureate level. The curriculum includes classroom instruction as well as fieldwork education.

Admission to the Social Work Major
Requirements include:
1. Cumulative GPA of 2.5 or higher
2. Completion of Introduction to Social Work (SOWK 210)
3. Documentation of 50 hours of work, volunteered or paid, with an underrepresented population or population in need
4. Submission of social work application, including essay and two references

Applications for the social work major must be submitted by February 15th of the student's sophomore year. Applications will be reviewed by social work faculty members and an interview may be requested. Students will be notified if their application was accepted or rejected by March 15th. Application are available on Milligan's social work website (www.milligan.edu/academic-programs/social-work-program/).

Social Work major – B.S.W.

Required courses in the major:

Core courses (47 hrs)
MATH 213 Statistics (3 hrs)
PSYC 252 Developmental Psychology (3 hrs)
PSYC 259 Research Methods in Psychology I (3 hrs)
PSYC 358 Abnormal Psychology (3 hrs)
SOCL 211 Social Problems (3 hrs)
SOCL 312 Gender and Society (3 hrs)
SOCL 314 Race and Ethnic Relations (3 hrs)
SOWK 210 Introduction to Social Work (3 hrs)
SOWK 220 Innovation for Social Change (3 hrs)
SOWK 310 Human Behavior in the Social Environment (3 hrs)
SOWK 370 Social and Public Policy (3 hrs)
SOWK 380 Social Work Ethical and Professional Behavior (3 hrs)

SOWK 391 Generalist Practice in Social Work I (3 hrs)
SOWK 491A Generalist Practice in Social Work II (3 hrs)
SOWK 450A Practice Seminar (1 hr)
SOWK 491B Generalist Practice in Social Work III (3 hrs)
SOWK 450B Practice Seminar (1 hr)

In addition to the core courses above, the student selects three or more courses from at least two different disciplines (see list below):

Business Administration:
BADM 250 Introduction to Microfinance (3 hrs)
BADM 301 Introduction of Leadership in Organizations (3 hrs)
BADM 481 Policies and Issues in Health Care (3 hrs)

Legal Studies and Political Science
LS 330 Family Law (3 hrs)
LS 355 Criminal Law and Procedure (3 hrs)
POLS 203 State and Local Government (3 hrs)

Psychology
PSYC 253 Child Development (3 hrs)
PSYC 254 Adolescent Development (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 353 Theories of Personality (3 hrs)
PSYC 356 Cross-Cultural Psychology (3 hrs)
PSYC 370M Mental Health Issues of Children (3 hrs)
PSYC 435 Child Sexual Abuse (3 hrs)
PSYC 470 Human Sexuality

Social Work & Sociology
SOCL 303 Family
SOWK 295 or 495 Seminars (3 hrs)
SOWK 330 Nature Therapy (3 hrs)
SOWK 350 International Development (3 hrs)
SOWK 360 Community Development (3 hrs)
SOWK 460 Nonprofit Development (3 hrs)
SOWK 499A/B/C, Mentored Research (3 hrs)

Students completing the major must demonstrate computer competency.

The following general education requirements are fulfilled in the major:
3 hours of social learning
3 hours of ethnic studies
3 hours of mathematics

Total number of required hours: 56

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, Social Work majors must complete the Area Concentration Achievement Test (ACAT) in Social Work. The Director of Testing will email students with information about the testing date/location in their final semester.

Social Work minor

Required courses in the minor:
SOWK 210 Introduction to Social Work (3 hrs)
SOWK 310 Human Behavior in the Social Environment (3 hrs)
SOWK 391 Generalist Practice in Social Work I (3 hrs)
9 hrs of electives, select one course from each of the following three disciplines:

Psychology
PSYC 254 Adolescent Development (3 hrs)
PSYC 350 Social Psychology (3 hrs)
PSYC 353 Theories of Personality (3 hrs)
PSYC 356 Cross-Cultural Psychology (3 hrs)
PSYC 358 Abnormal Psychology (3 hrs)
PSYC 370M Mental Health Issues of Children (3 hrs)
PSYC 435 Child Sexual Abuse (3 hrs)
PSYC 470 Human Sexuality (3 hrs)

Sociology
SOCL 211 Social Problems (3 hrs)
SOCL 303 Family (3 hrs)
SOCL 312 Gender and Society (3hrs)
SOCL 314 Race and Ethnic Relations (3 hrs)

Social Work
SOWK 220 Innovation for Social Change (3 hrs)
SOWK 295 or 495 Seminar (3 hrs)
SOWK 330 Nature Therapy (3 hrs)
SOWK 350 International Development (3 hrs)
SOWK 360 Community Development (3 hrs)
SOWK 370 Social and Public Policy (3 hrs)
SOWK 380 Social Work Ethical and Professional Behavior
SOWK 460 Nonprofit Development (3 hrs)
SOWK 499A/B/C, Mentored Research (3 hrs)

The following general education requirements are fulfilled in the minor:
3 hours of social learning

Total number of required hours in the minor: 18

Sociology

School of Social Sciences and Education
Area of Social Learning

The Sociology minor provides a foundation in the study of sociology by) 1) introducing students to the discipline, 2) offering an intercultural perspective of human behavior around the world, 3) focusing on North American and international families, and 4) providing a theoretical understanding of social institutions in all societies.

Sociology minor

Required courses in the minor:

SOCL 201 Introduction to Sociology (3 hrs)
SOCL 210 Introduction to Cultural Anthropology (3 hrs)
SOCL 303 Family (3 hrs)
SOCL 451 Sociological Theory (3 hrs)
Elective hours in sociology (6 hrs)

The following general education requirements are fulfilled in the minor:

3 hours of social learning
3 hours of ethnic studies

Total number of required hours in the minor: 18

Spanish

School of Arts and Humanities
Area of Humane Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders." the Spanish major specifically endeavors to encourage communicative competency, cultural sensitivity, and a global worldview through innovative and current language teaching methods. The program curriculum includes language, literature, and culture and civilization courses providing a foundation in the history and culture of the Spanish-speaking world. There is a teacher licensure option for those wishing to pursue education. The B.A. degree at Milligan requires foreign language through the intermediate level.

The Spanish major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. acquire communicative competency in the Spanish language and thereby be able to tackle daily communicative tasks understanding cultural complexities in order to effectively build relationships in our communities and respective faith communities.
2. think critically about the various cultures and histories of the Spanish-speaking world by reading a wide variety of fictional and non-fictional texts, viewing critically acclaimed films, and writing scholarly papers that explore issues of identities, politics and economies, histories, families, education, religion and spirituality, etc. in a way that demonstrates cultural sensitivity.
3. pursue further education or obtain gainful employment in a wide variety of fields.

The Spanish major can compliment degrees in the medical field and sciences, arts, bible and ministry, business, education, social and political sciences, and degrees in the humanities, among many others.

The program's commitment to a strong interdisciplinary approach in the mastery of language is reflected in the variety and scope of offerings, as well as the opportunities to enhance on-campus study with off-campus international and domestic programs. Advanced courses are often cross-listed with Ethnic Studies, Women's and Gender Studies, Humanities: American Studies, and International Studies.

The major requires 36 hours of core, required, and elective credits. Courses taken during a study abroad will count towards the major or minor. Up to 12 credit hours will be accepted from study abroad. Study abroad program participation should be approved before departure with the Spanish advisor.

Students should take the placement test if they have taken 2 years of High School Spanish or speak Spanish in their home for appropriate course placement. If a student places in the advanced level, they can CLEP out of 6 credit hours of intermediate Spanish (SPAN 211 and 212). Contact the Spanish advisor for more information.

Spanish major – B.A. (36 hours)

Core (18 hours):
Required (12 hours): SPAN 220, 221, 301, 302
Select civilization and survey option (6 hrs):
(A) 401 Peninsular Culture and Civilization and 312 Survey of Spanish-American Literature **OR**
(B) 402 Spanish-American Culture and Civilization and 311 Survey of Peninsular Literature
Electives (15 hours) from 211, 222, 311, 312, 401, 402, 409, 410, 411, 412, 490, 495
Mentored Research (3 hours): 499A, 499B, 499C (see note below)

*Up to 6 credit hours from Ethnic Studies designated courses can count towards SPAN Elective credits.
*HUMN 250 (3 hrs) can count towards SPAN elective credits.

Note: A student majoring in Spanish will complete a mentored research project. This project will be written and presented in Spanish, but can be interdisciplinary including topics such as comparative literature, language and culture, history, economics, education, religion, etc.

Courses taken during study abroad will count towards the major or minor. Up to 12 hours will be accepted from abroad. Program participation should be approved before departure.

Total number of required hours: 36

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts or bachelor of science degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above.

Capstone Assessment

Prior to graduation, Spanish majors must complete a research project in Mentored Research (SPAN 499).

Spanish minor

Required courses in the minor:
18 hrs beyond the level of SPAN 111-112
(Semester abroad options available.)

Total number of required hours: 18

Spanish teacher licensure program (K-12)

SPAN 211 Intermediate Spanish I (3 hrs)
SPAN 220 Intermediate Spanish Conversation (3 hrs)
SPAN 301 Advanced Conversation and Reading (3 hrs)
SPAN 302 Advanced Conversation and Grammar (3 hrs)
SPAN 311 Survey of Spanish Literature: Iberian (3 hrs)
SPAN 312 Survey of Spanish-American Literature (3 hrs)
SPAN 401 Civilization and Culture of Spain (3 hrs)
SPAN 402 Civilization and Culture of Latin America (3 hrs)
ENGL 312 Introduction to Linguistics or a course in Advanced Spanish Grammar (3 hrs)

Selected ethnic studies courses may count toward the minor; permission from Spanish faculty required.

For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog
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Student Ministry

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Student Ministry major specifically endeavors to prepare students for faithful, dynamic and effective student ministry in local churches and other contexts.

The Student Ministry major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an ability to reflect theologically on contemporary culture and to discern the challenges and opportunities for the church to embody a faithful presence within that culture;
5. demonstrate an ability to approach student ministry in ways that reflect sound theological, philosophical, cultural, and practical understandings of ministry;
6. demonstrate competency in teaching effectively;
7. offer evidence of the personal and spiritual maturity necessary for student ministry.

Student Ministry major - B.A.

Required courses in the major:

Bible (12 hrs)

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
3 hrs of Old Testament from BIBL 252, 301, 304, 343, 351, 352, 355, 405, or 432
3 hrs of New Testament from BIBL 202, 313, 321, 322, 324, 325, 328, 411, 412, or 452

BIBL 295 (Seminar), 489 (Directed Readings), and 495 (Seminar) may be suitable Old or New Testament electives, depending on course content. Approved seminary courses in Old or New Testament may also serve as electives.

Church History/Theology (12 hrs)

HIST 341 Church History (3 hrs)
HIST 342 Church History (3 hrs)
HIST 431 The Stone-Campbell Movement in the North American Context (3 hrs)
3 hrs of electives chosen from BIBL 473, CMIN 365, HIST/BIBL 323, HIST/BIBL 343, 344, HIST 250, 345, 346, 352, 432, and other approved church history or theology electives.

Ministry Leadership (25 hrs)

CMIN 260 Ministry Leadership Seminar (Taken three times, 2 hrs each) (6 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 278 Fundamentals of Teaching (3 hrs)
CMIN 318 Fundamentals of Student Ministry (3 hrs)
CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 480 Theological Integration (1 hr)
Choose one of the following 6-hour options:
1. CMIN 491A Mentored Ministry Experience (6 hrs)
2. Two CMIN 491B Mentored Ministry Experiences (3 hrs + 3hrs)
3. CMIN 491B Mentored Ministry Experience (3 hrs) and one additional approved CMIN elective (3 hrs)

Total number of required hours: 49

In addition to courses in the major, students must complete the General Education Requirements for a bachelor of arts degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level. The Bible faculty strongly recommends this language be Greek or Hebrew as an aid in the study of the Bible.

Capstone Assessment

Prior to graduation, Student Ministry majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Student Ministry minor

The minor in Student Ministry equips students to prepare for a lifetime of service to Christ regardless of their primary field of study. Because Milligan believes that "every Christian is a minister," this minor seeks to prepare students to serve effectively as bi-vocational servant-leaders or as voluntary leaders in their local churches.

Required courses in the Student Ministry minor:

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 278 Fundamentals of Teaching (3 hrs) **or** CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 318 Fundamentals of Student Ministry (3 hrs)
HIST 341 and 342 Church History (6 hrs)

Total number of required hours: 21

Theatre Arts

School of Arts and Humanities
Area of Performing, Visual and Communicative Arts

Based on Milligan University's mission "to honor God by educating men and women to be servant-leaders," the theatre arts major endeavors to contribute to the development of students' God-given personalities and talents by increasing their application for and knowledge of human creativity. In that context, the theatre arts major cultivates the development of Christian artists who glorify God by striving for the highest standards of artistic excellence ministering to people through their art and contributing to the richness and beauty of life, both in the church and in society.

The theatre arts major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate a clear understanding of the fundamental skills, theories, principles, and technologies necessary in the creation of theatrical works;
2. demonstrate the capacity to formulate a personal philosophy and aesthetic direction for their art;
3. demonstrate a basic understanding of the link between theatrical works and the study of theatre history and current trends in theatre;
4. be capable of constructing intelligent standards for the critical evaluation of theatrical works.

One strength of the theatre arts major lies in its interdisciplinary nature, which allows a student to gain experience in various art forms. The theatre arts major is available only as a **bachelor of arts** degree; foreign language through the intermediate level is required.

Theatre Arts major - B.A. (43 hrs)

The theatre arts major stresses a basic knowledge and appreciation for all facets of theatre work. Theatre arts graduates can work as actors, costumers, stage managers, set designers, lighting technicians, sound operators, stage carpenters, arts agency promoters, and stage directors, while others can go on to study theatre in graduate school in preparation for teaching or work in professional theatre.

Required courses in the major:
ART 120 Fine Arts Colloquium (1 hr)
ART 237 Basic Photography (3 hrs)
ART 400 Field Studies in Fine Arts (1 hr)
ART 421 The Arts, Faith and Culture (1 hr)
THEA 130 Stagecraft (3 hrs)
THEA 141 Fundamentals of Voice/Stage Movement (3 hrs)
THEA 151 Introduction to Theatre (3 hrs)
THEA 240 Stage Makeup (3 hrs)
THEA 242 Fundamentals of Acting (3 hrs)
THEA 270 Theatre History (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)
THEA 345 Theatre for Young Audiences (3 hrs)
THEA 470 Dramatic Literature and Criticism (3 hrs)

<u>One course from the following (3 hours):</u>
THEA 230 Fundamentals of Theatrical Design
THEA 275 Writing for Stage and Screen
THEA 330 Advanced Theatrical Design

<u>One movement course from the following (1 hour):</u>
EXSC 108 Folk Dance & Rhythmical Activities
EXSC 120 Ballroom and Latin Dancing
THEA 111 Jazz

THEA 112 Tap
THEA 113 Ballet

One visual art course from the following (3 hours):
ART 110 Design Fundamentals
ART 250 Drawing I
ART 250 Drawing I
ART 251 Painting I
or other approved studio art course

Total number of required hours: 40

In addition to courses in the major (and minor, if applicable), students must complete the General Education Requirements for a bachelor of arts degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level.

Capstone Assessment

Prior to graduation, theatre arts majors must complete a final project the senior fine arts capstone course, The Arts, Faith, and Culture (ART 421).

K-12 Teacher Licensure in Theatre

Milligan University offers a teacher licensure program in theatre for grades K-12. Those interested in licensure to teach must major in Theatre Arts. In addition to the courses listed below, the students will need to take a course in script-writing and a course in business practices; students should see their advisor for information about which courses would fulfill these requirements. For additional information about the teacher licensure program, including a list of courses required for licensure, see the Education: Licensure Programs section of the catalog.

Theatre Arts minor

Required courses in the minor:
THEA 130 Stagecraft (3 hrs)
THEA 141 Fundamentals of Voice/Stage Movement (3 hrs)
THEA 151 Introduction to Theatre (3 hrs)
THEA 240 Stage Makeup (3 hrs)
THEA 242 Fundamentals of Acting (3 hrs)
THEA 340 Fundamentals of Directing (3 hrs)
THEA 345 Theatre for Young Audiences (1 hr)
THEA 470 Dramatic Literature and Criticism (3 hrs)

Total number of required hours: 22

Web Development

William B. Greene, Jr., School of Business & Technology
Area of Computer Science

The minor in Web Development may be obtained by following the program of study listed below.

Web Development Minor

The web development minor enables students to deepen their understanding of web development concepts as they relate to the business administration, communications, information technology and computer science fields. This minor is recommended for students interested in careers as web designers, web developers or full-stack developers.

Required courses in the minor:
CS 211 Programming Logic (3 hrs)
IS 218 Web Development (3 hrs)
IS 305 Database Management (3 hrs)
IS 318 JavaScript (3 hrs)
IS 418 Server-side Web Programming (3 hrs)
IMD 225 Interactive Media 1 (3 hrs)
IMD 325 Interactive Media 2 (3 hrs)
GRDS 256 Intro to Graphic Design and Visual Communication (3 hrs)

Total number of required hours: 24

Women's and Gender Studies

School of Social Sciences and Education
Area of Social Learning

The women's and gender studies minor supports the following goals of Milligan University:

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and . . . social sciences,

- Students will gain an enriched quality of life . . . and preparation for graduate studies and a rewarding career or profession

The women's and gender studies minor equips students to consider how gender shapes lived experience, collective action, and human relationships in contemporary cultures and throughout history. The minor readies all students to identify the structural and historical constructions of gender that continue to shape individual and collective identity. How does gender impact the ways in which we inhabit our bodies, our environments, and our relationships? These fundamental questions will be interrogated from a variety of interdisciplinary and multicultural perspectives in an intellectually rigorous and critically informed way. Coursework can be tailored to each student's chosen field of study.

Women's and Gender Studies minor

Required courses in the minor:

HUMN 211 Introduction to Women's and Gender Studies **OR** SOCL 312 Gender and Society (3 hrs)
Elective courses from the following list (15 hrs):
BIBL 328 Jesus, Paul, and Women (3 hrs)
ENGL 360 Literary Theory (3 hrs)
ENGL 365 Literature by Women (3 hrs)
ENGL 370 Language, Justice, and Creation (3 hrs)
HIST 250 Christ, Hitler, and Women (3 hrs)
HUMN 211 Introduction to Women's and Gender Studies (3 hrs)
LS 330 Family Law (3 hrs)
MUSC 311 Women in Music (3 hrs)
PSYC 470 Human Sexuality (3 hrs)
SOCL 303 Family (3 hrs)
SOCL 312 Gender and Society (3 hrs)
499A Mentored Research (1 hr)
499B Mentored Research (1 hr)
499C Mentored Research (1 hr)

Total number of required hours: 18

Worship Leadership

School of Bible and Ministry
Area of Biblical Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Worship Leadership major specifically endeavors to prepare students for worship leadership that is scripturally sound and musically and artistically competent.

The Worship Leadership major supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. demonstrate an ability to interpret Christian scripture responsibly;
2. demonstrate an ability to identify and critically analyze appropriate sources in academic research;
3. demonstrate an ability to understand and assess contemporary church beliefs and practices in light of church history;
4. demonstrate an ability to reflect theologically on contemporary culture and to discern the challenges and opportunities for the church to embody a faithful presence within that culture;
5. demonstrate an ability to approach worship leadership in ways that reflect sound theological, philosophical, cultural, and practical understandings of ministry;
6. demonstrate competency in planning and leading worship effectively;
7. offer evidence of the personal and spiritual maturity necessary for worship leadership.

Worship Leadership major - B.A.

Required courses in the major:

Bible (6 hrs)
BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)

Church History/Theology (6 hrs)
HIST 341 Church History (3 hrs)
HIST 342 Church History (3 hrs)

Worship Leadership (37 hrs)
CMIN 260 Ministry Leadership Seminar (Taken two times, 2 hrs each) (4 hrs)
CMIN 273 Foundations of Christian Ministry (3 hrs)
CMIN 350 Ministry in a Changing Culture (3 hrs)
CMIN 365 Theology of Christian Worship (3 hrs)
CMIN 480 Theological Integration (1 hr)

Choose one of the following 6-hour options:
1. CMIN 491A Mentored Ministry Experience (6 hrs)
2. Two CMIN 491B Mentored Ministry Experiences (3 hrs + 3hrs)
3. CMIN 491B Mentored Ministry Experience (3 hrs) and one additional approved CMIN elective (3 hrs)

MUSC 103 Music Colloquium (1 hr)
MUSC 100, 104 or 106 Applied Music—Principal Concentration--.5 hr/2 semesters (1 hr)
MUSC XXX 2 semesters of participation in choral ensembles (2 hrs)
MUSC 125 Keyboard Fundamentals (2 hrs)
MUSC 141 Music Theory Fundamentals (2 hrs)
MUSC 454 Music and Worship Methods (3 hrs)
6 additional hours from approved courses in BIBL, CMIN, COMM, HIST, MUSC, or THEA

Total number of required hours: 49

In addition to courses in the major, students must complete the General Education Requirements for a bachelor of arts degree as described on pages 59-61.

To earn a bachelor's degree, a student must complete 128 semester hours in courses with course numbers at the 100 level or above. The B.A. degree requires foreign language through the intermediate level. The Bible faculty strongly recommends this language be Greek or Hebrew as an aid in the study of the Bible.

Capstone Assessment

Prior to graduation, Worship Leadership majors must compile a portfolio of their work demonstrating their competencies regarding the outcomes listed above. The final form of this portfolio is compiled, reviewed, and assessed by the Bible Area faculty as part of the required Theological Integration course (CMIN 480) taken during the final year.

Worship Leadership minor

The minor in Worship Leadership equips students to prepare for a lifetime of service to Christ regardless of their primary field of study. Because Milligan believes that "every Christian is a minister," this minor seeks to prepare students to serve effectively as bi-vocational servant-leaders or as voluntary leaders in their local churches.

Required courses in the Worship Leadership minor:

BIBL 201 Jesus in the Gospels (3 hrs)
BIBL 211 Old Testament Images of God (3 hrs)
CMIN 260 Ministry Leadership Seminar (2 hrs)
CMIN 365 Theology of Christian Worship (3 hrs)
HIST 341 **or** 342 Church History (3 hrs)
MUSC 125 Keyboard Fundamentals (2 hrs)
MUSC 141 Music Theory Fundamentals (2 hrs)
MUSC 454 Music and Worship Methods (3 hrs)

Total number of required hours: 21

Undergraduate Course Descriptions

Course numbers with a "B" suffix are offered in the adult degree completion programs.
Course numbers with an "M" suffix are offered online.

ACCOUNTING

ACCT 211/211M. Introductory Accounting I - An introduction to the principles and the practice of accounting. Coverage is given to the fundamentals of recording, summarizing, analyzing, and reporting financial information in accordance with generally accepted accounting principles. Although all business entities are discussed, the primary focus is the accounting system of the sole proprietorship. ACCT 211 offered fall term each year. ACCT 211M (online) offered as needed. Three semester hours.

ACCT 211B. Introductory Accounting I - An introduction to the principles and the practice of accounting. Coverage is given to the fundamentals of recording, summarizing, analyzing, and reporting financial information in accordance with generally accepted accounting principles. Although all business entities are discussed, the primary focus is the accounting system of the sole proprietorship. Three semester hours.

ACCT 212. Introductory Accounting II - A continuation of the fundamentals of the principles of accounting. Coverage begins with partnerships and corporations and the accounting issues related to these entities. Attention is then given to the fundamentals of managerial accounting principles and systems, with an emphasis on recording, reporting, analysis, and decision-making. Prerequisite: ACCT 211. Offered spring term each year. Three semester hours.

ACCT 212B. Introductory Accounting II - A continuation of the fundamentals of the principles of accounting. Coverage begins with partnerships and corporations and the accounting issues related to these entities. Attention is then given to the fundamentals of managerial accounting principles and systems, with an emphasis on recording, reporting, analysis, and decision-making. Prerequisite: ACCT 211. Three semester hours.

ACCT 301. Intermediate Accounting I - An in-depth study of financial accounting topics as well as recent developments in accounting valuation and reporting practices. Detailed attention is provided to recording, reporting, and disclosure of financial information. Concentration is primarily given to statements of income and retained earnings and the asset accounts of the balance sheet. Prerequisite: ACCT 212. Offered fall term each year. Three semester hours.

ACCT 302. Intermediate Accounting II - A continuation of the in-depth study of financial accounting topics. Concentration is given to liabilities and stockholders equity accounts of the balance sheet and the statement of cash flows. Also covered are the topics of: earnings per share, investments, income taxes, pensions and other retirement benefits, leases, accounting changes, and error analysis. Prerequisite: ACCT 301. Offered spring term each year. Three semester hours.

ACCT 311. Managerial Accounting - A study of the use of accounting information for managerial decisions with concentration on the role of the controller and the "Planning and Control" techniques used in modern industrial and commercial organizations. Prerequisite: ACCT 212. Offered fall term odd years. Three semester hours.

ACCT 312. Auditing - A study of the concepts and standards of independent auditing with an emphasis on the decision-making process. The overall audit plan and program are presented with regard to: professional ethical and legal responsibilities, audit and other attestation reports, planning and documentation, evidence, materiality, and internal control. This course includes an emphasis on the detailed application of the audit process to financial statement cycles in addition to the types and application of audit tests needed for evidence gathering purposes and completion of the audit process. Prerequisite: ACCT 212. Offered fall term even years. Three semester hours.

ACCT 315/315M. Not-For-Profit Accounting - A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: ACCT 212. ACCT 315 or 315M offered fall term odd years. Three semester hours.

ACCT 351/351M. Development of U.S. Accounting Profession and Standards - An historical perspective of the U.S. accounting profession and standards from colonial times to modern day. This course examines the evolution of the accounting profession as well as the development of accounting standards. Prerequisite: ACCT 212. ACCT 351 or 351M offered fall term even years. Three semester hours.

ACCT 352/352M. International Financial Reporting - A course comparing and contrasting U.S. financial reporting with that of different nations. Concentration is given to the role an individual country's culture has on its domestic financial reporting. Attention is also given to the development and issuance of international or global accounting standards. Prerequisite: ACCT 212. ACCT 352 or 352M offered spring term odd years. Three semester hours.

ACCT 412. Federal Income Taxation - An overview study of the U.S. income taxation of individuals, corporations, partnerships, trusts, and estates as well as the U.S. estate and gift taxation. This course focuses on the concepts of inclusions and exclusions of gross income, exemptions, personal and business deductions, losses, and cost recovery as they are applied to individuals and businesses. Prerequisite: ACCT 212. Offered spring term even years. Three semester hours.

ACCT 415. Advanced Accounting: Theory - A continuation of the study of the principles of accounting with concentration on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the Securities and Exchange Commission. Prerequisite: ACCT 301. Offered spring term even years. Three semester hours.

ACCT 430. Accounting Information Systems - An introduction to the concepts of accounting information systems. Concentration is on the definition of accounting information, current accounting technology, the systems development life cycle, systems controls, accounting transaction cycles, and related documents and files. Prerequisite: ACCT 302. Offered spring term odd years. Three semester hours.

ACCT 491. Internship - A practicum experience, which involves the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

ACCT 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Offered periodically. Three semester hours.

ACCT 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

ACCT 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with

practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

ACCT 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

ART

ART 110. Design Fundamentals - An introductory course designed to strengthen visual problem-solving, color awareness, use of value, and composition skills. Students will work in a variety of media on a series of projects that promote the above-mentioned skills, in the context of studying key works of art by artists of historical significance. Offered fall term each year. Three semester hours.

ART 120. Fine Arts Colloquium - An introductory course featuring lectures, discussions, guest speakers, and field trips to area museums, galleries, and theatres through which fine arts students will gain an appreciation of the many resources in the immediate geographical area. While enrollment is open to any student, this course is required for all fine arts-related majors in the first fall term of study. Offered fall term each year. One semester hour.

ART 237. Basic Photography – Introductory course in traditional black and white photography including composition, exposure, camera operations, and basic darkroom techniques. Offered every term. Three semester hours.

ART 250. Drawing I - A drawing fundamentals class that is a requirement for the art major but is also appropriate for non-art majors. Emphases include contour, gesture, and a variety of approaches to value in various traditional media. Subject matter includes the human figure, landscape, and still life as well as drawing from the imagination. Offered spring term each year. Three semester hours.

ART 251. Painting I - A course at the beginning level for art majors and non-art majors. Emphases include color mixing, paint application techniques, knowledge of materials, and historical and contemporary approaches. Subject matter and projects vary from figure and still life to abstraction of non-figurative assignments. Offered spring term each year. Three semester hours.

ART 252. Watercolor Workshop - A study in watercolor methods, concepts, and approaches related to the medium of watercolor, its practice, and its history. The course is designed so those students with little or no experience should feel comfortable alongside students who already possess some skills and understanding of the medium. Offered spring term even years. Three semester hours.

ART 253. Introduction to Ceramics - An introductory course in the art/craft of ceramics. The concentration is on hand-built ceramics with the added potential for students to gain some knowledge of wheel-thrown techniques. Offered fall term odd years. Three semester hours.

ART 287/287M. Digital Photography I - A study of the concepts and practices of effective digital photography; examining the terminology, resources and techniques used in capturing, processing and enhancing digital images. Offered fall term each year. Three semester hours.

ART 310. Intermediate Photography - An opportunity for students to expand their understanding of techniques and ideas presented in Basic Photography. Concentration is placed on personal interpretation and visual communication. Prerequisite: ART 237. Offered every term. Three semester hours.

ART 337/337M. Photojournalism - An examination of photojournalism designed to help students realize the potential of photography as a powerful means of visual communication. This course will cover technical and visual skills, as well as history, traditions, viewpoints, legal and ethical issues, and the role of the modern photojournalist in today's changing world. Guest photojournalists will share their experiences with the class throughout the semester. Prerequisite: ART 237. ART 337 or 337M offered spring term each year. Three semester hours.

ART 350. Drawing II - A course that builds on skills developed in Drawing I. Composition and creative problem solving are stressed within the context of assignments that allow students to explore multiple approaches to a few select themes. Color drawing media are also emphasized. Offered fall term odd years. Three semester hours.

ART 351. Painting II - A course designed to allow students who have developed a basic understanding of color and painting techniques from Painting I to focus on a more personal direction in terms of content and choice of media as agreed on between student and instructor. Offered spring term each year. Three semester hours.

ART 367. Art History I: American Art - An in-depth study of the history of American art from colonial time to the present. Topics include painting, sculpture, architecture, photography, and cross-discipline arts. Offered fall term even years. Three semester hours.

ART 368. 19th Century European Art and Design – A study of European art and design styles and movements of the "long nineteenth century" (1789–1914) with an emphasis on Neoclassicism, Romanticism, Academic art, Realism, Naturalism, Impressionism, Neo-Impressionism, and Symbolism, as well as design movements like the various revivalist styles of the nineteenth century, Arts and Crafts, Aestheticism, and Art Nouveau. This course is highly recommended for students in the arts and humanities who wish to apply to graduate school. Offered spring semester even years. Three credit hours.

ART 387. Digital Photography II - An advanced study of the concepts and techniques presented in Digital Photography I allowing students the opportunity to extend their photographic skills in the digital medium. Concentration is placed on personal interpretation and advanced camera functions and techniques in image enhancement. Prerequisite: ART 287. Offered spring term odd years. Three semester hours.

ART 400. Field Studies in Fine Arts - A study tour to a selected city in the United States for the purpose of studying various aspects of the fine arts, notably art, photography, and theatre. Tour leaders arrange visits to galleries and theatres. Specific reading assignments are completed before the trip. Students are required to keep a journal of their experiences and submit a final paper, which reflects on those experiences. Offered at least once every other academic year, in conjunction with COMM/MUSC 400. One semester hour.

ART 411. Printmaking Studio - A course designed to allow students to explore relief printmaking (woodcut, linocut) as well as a limited number of intaglio (etching, drypoint) techniques. Offered spring term odd years. Three semester hours.

ART 421. The Arts, Faith, and Culture – The fine arts senior capstone course featuring guest lectures, portfolio development, and discussions on the challenges of being a Christian and an artist in today's society. The course requires a group service project. Offered spring term each year. One semester hour.

ART 431. Sculpture Studio - An introductory course in three-dimensional problem-solving. Students work in a variety of materials as a means of understanding basic approaches to sculptural design through projects that range from the human figure to non-figurative forms. Offered fall term even years. Three semester hours.

ART 437. Advanced Black and White/Color - An advanced approach to black and white and/or color traditional and digital printing techniques. Concentration is placed on establishing a personal style and creating a strong body of work. The student explores further the medium of

photography through the use of small, medium, and/or large format cameras. Various photographers are studied, and several critiques are held throughout the semester. Prerequisites: ART 237, 310, and 312. Offered as needed. Three semester hours.

ART 466/466M. History of Photography - An overview of the history of photography from its beginning to present day. Lectures and class discussions examine the work of major photographers through the framework of historical, cultural, and social trends. ART 466 or 466M offered spring term each year. Three semester hours.

ART 490. Directed Studies - Independent work for the junior or senior art or photography student in an area of the student's interest. The program is under the supervision of an art or photography professor. Students may take this course repeatedly and accumulate credit hours. Offered every term. One to three semester hours.

ART 491. Internship - A practicum experience in which students work in a professional setting using skills from major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours.Offered every term. Prerequisite: senior standing or consent of instructor. Three semester hours.

ART 494. Senior Exhibition - A course designed to give graduating seniors an opportunity to present an exhibition of their artwork. The course also allows additional directed study and individualized instruction. Required of all students with an art major. The program is under the supervision of an art or photography professor. Offered every term. Three semester hours.

ART 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Offered periodically. One to three semester hours.

ART 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour

ART 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

ART 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour

BIBLE

BIBL 123/123M. Old Testament Survey - An examination of the Old Testament, its content, background, and significance. Required of all students. BIBL 123 offered fall term each year. BIBL 123M offered spring term each year and as needed. Three semester hours.

BIBL 124/124M. New Testament Survey - A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. BIBL 124 offered spring term each year. BIBL 124M offered fall term each year and as needed. Three semester hours.

BIBL 201. Jesus in the Gospels - A study of the Gospels with the intent of showing their distinctive insights into the person and work of Christ. Required for Bible Area majors. Satisfies the New Testament elective in the Bible minor. Prerequisite: BIBL 124. Offered fall term each year. Three semester hours.

BIBL 202. Acts - An analysis of the history, theology, and nature of the early church as seen in the Book of Acts. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered spring term each year. Three semester hours.

BIBL 211. Old Testament Images of God - An introduction to the character and actions of the Lord God of Israel as seen through the Old Testament. Required for Bible Area majors and minors. Prerequisite: BIBL 123. Offered spring term each year. Three semester hours.

BIBL 252. Biblical Archaeology - A study of the history and techniques of archaeology in the biblical world as an historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Satisfies the Old Testament elective in the Bible major and minor. Offered periodically. Prerequisite: BIBL 123. Three semester hours.

BIBL 275. Selected Topics: The Stone-Campbell Movement - An examination of the Stone-Campbell heritage including both primary and secondary readings intended to help students understand the church tradition (the "Restoration Movement") that is linked to the history of Milligan University. Students may not apply this course to a Bible Area major or minor or a history major. Same as HIST 275. Prerequisite: sophomore standing or consent of instructor. Offered fall term each year. One semester hour.

BIBL 295. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics vary from year to year. Offered periodically. One to three semester hours.

BIBL 301. The Prophets - Exegetical studies in the Latter Prophets. Attention will be given to the character and message of each prophet and book as seen against their social, political, and historical backgrounds. Satisfies the Old Testament elective in Bible Area majors and minors. Prerequisite: BIBL 123. Offered periodically. Three semester hours.

BIBL 304. Old Testament History - Exegetical studies in the historiographical books of the Old Testament. Attention is given to the theological perspectives and historiographical methods that guided the composition of these books. Satisfies the Old Testament elective in Bible Area majors and minors. Prerequisite: BIBL 123. Offered periodically. Three semester hours.

BIBL 313. The Life and Letters of Paul - An introduction to the context, life, ministry, and theology of the Apostle Paul, including an overview of each of his letters. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered Periodically. Three semester hours.

BIBL 321. Prison Epistles - An exegetical study of Ephesians, Philippians, Colossians, and Philemon. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 322. Pastoral Epistles - An exegetical study of 1 and 2 Timothy and Titus. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 323. Christian Thought in the Greco-Roman World - A course of readings in various representatives of the Christian tradition from the second through the fifth century, including Origen, Tertullian, Cyprian, Athanasius, Ambrose, and Augustine in their historical contexts. Special attention is given to the contributions of these thinkers to the development of the Christian tradition. Same as HIST 323. Prerequisites: HUMN 101, 102, 201, and 202, or consent of the instructor. Satisfies the church history elective in Bible Area majors. Offered periodically. Three semester hours.

BIBL 324. Johannine Literature - A study of the contents and themes of the Johannine Epistles and the Gospel of John. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 325. The Book of Revelation - A study of the Book of Revelation and other eschatological and apocalyptic passages in the context of Jewish apocalypticism. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 328. Jesus, Paul, and Women – A close study of biblical texts about women, focusing on the gospels and letters of Paul. Significant attention will be given to the ancient contexts, interpretive methods, and modern application. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered spring term odd years. Three semester hours.

BIBL 343. History of Biblical Interpretation - A survey of the history of hermeneutics and exegesis in the Christian tradition from the ancient through the modern periods. The course examines the various principles and methods adopted by theologians in their attempts to explain the meaning of the biblical text. Same as HIST 343. Prerequisites: BIBL 123 and 124, HUMN 101, 102, 201, and 202, or consent of the instructor. Satisfies the Old Testament elective in Bible Area majors and minors. Offered periodically. Three semester hours.

BIBL 344. The Historical Jesus - A study of how scholars have attempted to develop historical reconstructions of the life of Jesus. This course will survey the progress of scholarly and popular treatment of the topic, the variety and nature of documents upon which historical reconstructions are based, and the major methods used to test historicity and evaluation of these methods. The relationship between historical reconstructions and the Jesus of faith will be considered. Same as HIST 344. Offered spring term even years. Three semester hours.

BIBL 351. The Pentateuch - Exegetical studies in the Pentateuch. Attention is given to major theological concepts and narrative artistry. Satisfies the Old Testament elective in Bible Area majors and minors. Prerequisite: BIBL 123. Offered periodically. Three semester hours.

BIBL 352. Open Hearts and Upraised Hands: The Psalms and Prayer in the Old Testament - The nature of prayer and song in Israel will be explored from the Book of Psalms and from select passages elsewhere in the Old Testament. The poetry and piety of the Psalms will be highlighted. Satisfies the Old Testament elective in Bible Area majors and minors. Prerequisite: BIBL 123. Offered periodically. Three semester hours.

BIBL 355. From Exile to Hope: Biblical Literature of the Exile and Return - A study of Old Testament history and literature from Israel's exile to Babylon and return to Judea and the early Hellenistic period. Attention will be given to the developing theology of the closing period of the Old Testament, as well as the growth of apocalyptic literature. Satisfies the Old Testament elective in Bible Area majors and minors. Prerequisite: BIBL 123. Offered periodically. 3 credit hours.

BIBL 373. Discipleship Living and Learning Community – First part of a two-semester course sequence that will examine the practice of Christian discipleship through a variety of living and learning opportunities experienced within the context of intentional community. During the first semester, students are expected to develop a greater understanding of spiritual formation and the practice of the spiritual disciplines, while at the same time gaining an introductory understanding of how one's spiritual journey informs the greater community. Students are expected to engage in multiple active learning experiences outside of the classroom. Offered fall term odd years. Two semester hours.

BIBL 374. Discipleship Living and Learning Community 2 - Part two of a two-semester course sequence that will examine the practice of Christian discipleship through a variety of living and learning opportunities experienced within the context of intentional community. During the second semester, students are expected to develop a greater understanding of the role the disciple plays within the community-at-large. Special attention is given to outward-focused practices such as mentoring, hospitality and service. Students are expected to engage in multiple active learning experiences outside of the classroom. Prerequisite: BIBL 373. Offered spring term even years. Two semester hours.

BIBL 380. Jesus in the Arts - An exploration of the creative images of Jesus throughout the centuries, drawing examples from the literary, dramatic, visual, musical, kinetic, and cinematic arts, seeking a deeper appreciation for the arts in the life of the church and for the impact of the image of Jesus in people's lives. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 405. The Old Testament in the Church - An historical survey of the reception of the Old Testament as Christian scripture and challenges thereto. The study is based, as much as possible, on readings of primary texts from all periods of church history. Prerequisites: BIBL 123 and HUMN 201 and 202, or consent of the instructor. Satisfies the Old Testament elective in Bible Area majors and minors. Offered periodically. Three semester hours.

BIBL 411. I and II Corinthians - An historical, exegetical, and thematic study of I and II Corinthians. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 412. Romans and Galatians - An historical, exegetical, and thematic study of Romans and Galatians. Satisfies the New Testament elective in Bible Area majors and minors. Offered periodically. Prerequisite: BIBL 124. Three semester hours.

BIBL 422. Intertestamental Literature - A survey of the types of Jewish literature (e.g., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries BC and in the first century AD. Prerequisite: BIBL 123. Offered periodically. Three semester hours.

BIBL 432. Good Questions and the Good Life: Biblical Wisdom Literature - Questions about the meaning of life and relationship with God and the world will be explored from the books of Job, Proverbs, and Ecclesiastes. Included will be a study of the nature and context of wisdom in the ancient Near East. May include studies in the wisdom books of the Apocrypha. Satisfies the Old Testament elective in Bible Area majors and minors. Prereq: BIBL 123. Offered periodically. Three semester hours.

BIBL 452. General Epistles - A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Satisfies the New Testament elective in Bible Area majors and minors. Prerequisite: BIBL 124. Offered periodically. Three semester hours.

BIBL 471//471B/471M. Christ and Culture - An examination of how contemporary Western cultures shape how Christians understand and embody their faith, and an exploration of how Christians might respond to these challenges. Required of all seniors. Prerequisites: BIBL 123 and 124. Offered every semester. BIBL 471B and BIBL 471M not available to all students. Three semester hours.

BIBL 473. Spirituality in Everyday Life - An historical, theological, and practical exploration of how life in the Spirit may be nurtured and sustained in the midst of everyday life. Prerequisite: junior or senior status. Satisfies the theology elective in Bible Area majors. Offered spring term each year. Three semester hours.

BIBL 489. Directed Readings - A supervised program of readings that provides for study of material not included in the regular course offerings. One to three semester hours.

BIBL 495. Seminar - A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. Offered periodically. One to three semester hours.

BIBL 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Required for the Biblical and Theological Studies major. Offered every semester as needed. One semester hour.

BIBL 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Required for the Biblical and Theological Studies major. Offered every semester as needed. One semester hour.

BIBL 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. Required for the Biblical and Theological Studies major. Offered every semester as needed. One semester hour.

BIOLOGY

BIOL 110. General Biology - An introductory course that examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. BIOL 110 cannot be applied toward the Biology major or minor. Offered spring term. Three hours lecture and one two-hour lab weekly. Four semester hours.

BIOL 111-112. Principles of Biology - A two-semester course which introduces and integrates the principles of biology including the chemistry of life, cells, genetics, evolution, biological diversity, biology of plants, biology of animals, and ecology. The course is designed to stimulate critical thinking. Offered as a year sequence beginning with the fall term each year. Three hours lecture and one three-hour lab weekly. Four hours each semester.

BIOL 150. Essentials of Human Anatomy and Physiology – An introductory course designed to study the basic structure and function of the organ systems of humans. Credit may not be received for both BIOL 150 and BIOL 250. Offered spring term odd years. Three hours lecture and one two-hour lab weekly. Four semester hours.

BIOL 200. Field Studies in Biology - An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content varies according to selected topics. The course is conducted at an off-campus location, and the student may incur additional expenses for travel. A student may not accumulate more than four hours credit in this course. Offered in the May term each year. Two semester hours.

BIOL 210. Flora and Fauna of the Southern Appalachian Area - A field biology class with special concentration on the identification and general ecology of plants and animals in the Southern Appalachian Area. Available to both majors and non-majors. Offered spring term each year. Four semester hours.

BIOL 250-251. Anatomy and Physiology - A two-semester course designed to study the structure and function of the organ systems of humans. Recommended prerequisite for 250: C- or better in one of the following courses BIOL 110, 111, 280, CHEM 150, 170; Prerequisite for 251: C- or better in BIOL 250. Credit may not be received for both BIOL 150 and BIOL 250. Offered as a year sequence beginning with the fall term each year. Four hours each semester.

BIOL 280. Introductory Microbiology and Immunology for the Health Sciences - An introductory course in the study of microbial organisms with particular concentration on relationship to health, disease, and host defense mechanisms. A minimalized, hands-on lab component supplements lectures and discussions. This course does not count toward the biology major or minor. Offered spring term each year. Three semester hours.

BIOL 310. Genetics - A study of fundamental principles of heredity with related statistics and probability. Prerequisite: C- or better in BIOL 111 and 112. . Offered fall term each year. Four semester hours.

BIOL 352. Cell Biology - A study of the structure, function and biogenesis of various organelles of the eukaryotic cell. Prerequisite: C- or better in BIOL 111 and 112. Offered spring term even years. Three hours lecture weekly (no laboratory). Three semester hours.

BIOL 360. Ecology - A study of the relation between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: C- or better in BIOL 111 and 112. Offered fall term each year. Four semester hours.

BIOL 362. Vertebrate Field Biology - A survey of native warm-blooded vertebrates with concentration on field identification. Offered spring term each year. Four semester hours.

BIOL 371. Advanced Human Anatomy - An advanced study of the functional anatomy of the human body. Prerequisite: C- or better in BIOL 251. Offered fall semester even years. Three hours lecture and one three-hour lab weekly.

BIOL 372. Advanced Human and Mammalian Physiology - An advanced study of the functional biology of mammalian tissues and organ systems. Human physiology will be emphasized but there will be additional evaluation of mammalian physiological systems. Prerequisite: C- or better in BIOL 251. Offered spring semester even years. Three hours lecture and one three-hour lab weekly. Four semester hours.

BIOL 380. Microbiology and Immunology - A course in the study of microbial organisms and including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: C- or better in BIOL 111 and 112. Offered spring term each year. Four semester hours.

BIOL 385. Human Health and Disease. - An analysis of disease mechanisms and their expressions in major organ systems of the human body. Emphasis will be on pathology and disease prevention. Prerequisite: C- or better in BIOL 251. Offered fall semester odd years. Three hours lecture and one three-hour lab weekly. Four semester hours.

BIOL 431. Musculoskeletal Anatomy - A regional study of human anatomy with particular concentration on the back and upper extremity. Course includes cadaver dissection, demonstration, and lecture. Prerequisites: BIOL 250 and 251 and consent of the instructor. Offered fall term each year. Four semester hours.

BIOL 432. Neuroanatomy – A presentation of functional human neuroanatomy including related pathology. The course includes the study of human nervous system specimens in a laboratory setting. Prerequisites: BIOL 250 and consent of the instructor. Offered spring term each year. Three semester hours.

BIOL 450. Molecular Biology - A study of gene structure and the regulation of gene expression at transcriptional and translational levels with an emphasis on modern experimental techniques. Prerequisite: BIOL 310 and consent of the instructor. Offered spring term odd years. Three hours lecture and one three-hour lab weekly. Four semester hours.

BIOL 451. Research Seminar - A seminar designed to introduce science majors to principles, politics, and methodology used in scientific research. Offered as needed. One semester hour.

BIOL 490. Research Problem - Research on special problems in biology under direct supervision of a faculty member. Prerequisites: twenty hours

of biology courses and consent of the biology faculty member to direct the research problem. Offering to be announced. One to four semester hours.

BIOL 491. Internship - An internship in biology under the supervision of a member of the Biology faculty. Prerequisite: Consent of the instructor. One to six semester hours. Offered as needed.

BIOL 492. Anatomy Internship - An internship in anatomy under the supervision of a member of the Biology faculty. Students will learn techniques of human anatomical prosection and dissection of human cadavers in support of undergraduate anatomy courses. Body regions may vary according to the needs of the students and availability of materials. Prerequisites: BIOL 250 and 251 and consent of the instructor. One to two semester hours. Offered as needed.

BIOL 494. Capstone Seminar – A seminar designed to promote in-depth discussion of current topics in science with an emphasis on integration of science and faith. Offered fall term each year. Three semester hours.

BIOL 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Offering to be announced. One to three semester hours

BIOL 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

BIOL 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

BIOL 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

BUSINESS ADMINISTRATION

BADM 110. Introductory Seminar in Business Fundamentals – This course provides a solid foundation of community, business knowledge, and expertise by introducing students to the multifaceted nature of today's ever-evolving business environment through discipline exposure and business plan development. This overview course serves to establish a foundation of the varying opportunities in business and how their coursework in the business program relate to career choices. It includes both scheduled lecture and Freshman Seminar Events to build community, develop personal communication skills, and serve both the campus and outside areas. Offered fall term. One semester hour.

BADM 170/170M. Personal Finance - An overview of personal and family financial planning with an emphasis on record keeping, budgeting, tax planning, credit management, consumer laws, real estate transactions, purchasing insurance, selecting investments, and retirement and estate planning. BADM 170 or 170M offered every term. Three semester hours.

BADM 200. Practical Applications in Business - A course designed to expose students to current topics in today's business world. Students will hear from guest speakers and practice critical thinking and resourcefulness by completing various scenarios throughout the semester. The content of this course is suitable for students in all disciplines. Offered fall term each year. Three semester hours.

BADM 210/210M. Survey of Business - This course provides students with an overview of business. It covers major topics such as management, marketing, economics/finance, accounting, and information technology. It also explores the role business plays within today's social framework. This course is open to non-business majors, students who are undecided, or business majors exploring different areas of concentration. (May not be taken as an upper level division business elective.) BADM 210 or 210M offered fall term each year. Three semester hours.

BADM 220. Voluntary Income Tax Assistance - A beginning level experience in providing federal income tax preparation services to low/mid income level taxpayers. Students will receive training and certification through the Internal Revenue Service. Once certification is complete, students will prepare returns at various locations in the area. All activities are under the direct supervision of the course instructor. Prerequisite: consent of the course instructor. Offered spring term each year. One to three semester hours.

BADM 250. Introduction to Microfinance - This course will explore the role that microfinance institutions play in the development of the global economy. A study of the historical development and regulatory structure of microfinance will provide the foundation for the course. The course will then focus on three major areas: the relationship between microfinance institutions and their clientele, challenges facing the future development of microfinance institutions, and the theological implications of microfinance. Three semester hours. Offered fall term each year.

BADM 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

BADM 295/295M. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

BADM 301. Introduction to Leadership in Organizations – An introduction to leadership with a focus on developing effective skills for organizational leadership. This course examines the behaviors of leaders in today's organizations by studying current leadership theories and the theories' application. Students will use readings, behavior modeling, experiential exercises, and self-reflection, as well as focused coaching and feedback, to optimize their own leadership capabilities in handling real world, day-to-day leadership functions in an ethical and effective manner. The content of this course is suitable for students in all disciplines. Offered fall term each year. Three semester hours.

BADM 304/304M. Advertising - A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Prerequisite: BADM 315. BADM 304 or 304M offered spring term each year. Three semester hours.

BADM 315/315M. Marketing - A survey of marketing planning, buyer behavior, product strategy, distribution strategy, promotional strategy, and pricing strategy from a global perspective. Prerequisite: ECON 202. BADM 315 or 315M offered every term. Three semester hours.

BADM 315B. Principles of Marketing - A survey of marketing planning, buyer behavior, product strategy, distribution strategy, promotional strategy, and pricing strategy from a global perspective. Three semester hours.

BADM 317/317M. Consumer Behavior - A course designed to introduce and familiarize students with the basic concepts and procedures for investigating consumers' buying habits, pre-purchase decision processes, and post-purchase evaluation processes within a dynamic time framework. Concentration will be on assessing the importance of various factors and elements within the market environment and their influences on the assessment of individuals' and groups' attitudinal and behavior outcomes in different market situations. The development of workable managerial strategies based on the understanding of consumers' behavior

will also be emphasized. Prerequisite BADM 315. BADM 317 or 317M offered spring term even years. Three semester hours.

BADM 318/318M. Marketing Research – A course designed to provide a comprehensive and practical presentation of the field of marketing research. It emphasizes an applied approach through managerially-oriented marketing research cases and a field research project. Prerequisite: BADM 315. BADM 318 or 318M offered spring term odd years. Three semester hours.

BADM 320. Voluntary Income Tax Assistance – Advanced. An advanced level experience in providing federal income tax preparation services to low/mid income level taxpayers. Responsibilities include assisting in managing tax preparation sites, preparing amended income tax returns and assistance in audited returns. Activities are under the direct supervision of the course instructor. Students will receive continued training and certification through the Internal Revenue Service. Prerequisites: BADM 220 and consent of the course instructor. Offered periodically. One to three semester hours.

BADM 321. Business Law I - A study of the legal system with an introduction to legal concepts in the areas of the American court system, criminal law, torts, strict liability, employment law, contracts, agency and business organizations. Concentration is placed upon the application of these legal principles to commercial transactions. Offered every term. Three semester hours.

BADM 322. Business Law II - A study of the Uniform Commercial Code with an introduction to the legal concepts in the areas of sales, negotiable instruments, and secured transactions. Additional topics include bankruptcy, insurance, and property law. Concentration is placed upon the application of these legal principles to commercial transactions. Offered spring term each year. Three semester hours.

BADM 323B. Business Law - A study of the legal system with an introduction to legal concepts as they relate to commercial transactions and the student's own work experiences. The course also includes an examination of different business organizations and legislation that regulates and affects such businesses. In addition, students will explore the ethical dimensions of business from a Christian perspective. Three semester hours.

BADM 339. Global Marketing - A focus on the theory and practice of contemporary global marketing management. The context or environment of international marketing is covered along with the task of marketing in a variety of national domestic markets with their distinct cultural settings. The course is divided into three major areas: overview of the global marketing environment, moving into international markets, and advanced international marketing management. Offered summer term each year as part of IBI program. Three semester hours.

BADM 340/340M. International Business and Economics - A study of the resource allocation that focuses explicitly on transactions conducted across international borders. This study is facilitated by analytical tools that include theories establishing the basis for international trade and behavior of exchange rates. Protectionist policies of government include quotas, tariffs and excise taxes are also reviewed. BADM 340 or 340M offered every term. Three semester hours.

BADM 340B. International Business and Economics - A study of the resource allocation that focuses explicitly on transactions conducted across international borders. This study is facilitated by analytical tools that include theories establishing the basis for international trade and behavior of exchange rates. Protectionist policies of government include quotas, tariffs and excise taxes are also reviewed. Three semester hours.

BADM 361/361M. Principles of Management - A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. BADM 361 or 361M offered every term. Three semester hours.

BADM 361B. Principles of Management - A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Three semester hours.

BADM 362/362M. Human Resource Management - A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: BADM 361 or permission of the instructor. BADM 362 or 362M offered spring term each year. Three semester hours.

BADM 362B. Human Resource Management - A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Three semester hours.

BADM 363B. Organizational Leadership - An introduction to leadership in both public sector and non-profit organizational settings with a focus on developing skills for effective leadership. This course examines the behaviors of leaders in today's organizations by studying the concept of servant leadership, as well as current leadership theories. Course components emphasize analysis, critical thinking, skill development, and application of leadership principles, which will help students formulate how they may apply the various leadership theories in their personal and professional lives. Students use readings, behavior modeling, experiential exercises, self-reflection, and interviews with existing leaders in the workplace to optimize their own leadership capabilities in handling real world, day-to-day leadership functions. Three semester hours.

BADM 365/365M. Operations Management - A course designed to provide students with essential data analysis skills for making managerial decisions in today's competitive, global environment. This course describes data collection methods in the production environment, common formulas used to create operator spreadsheets, and how to visualize data for decision-making purposes. Students will use software to calculate descriptive statistics and create forecasting models. Additionally, students will be able to communicate findings related to data analysis. BADM 365 or 365M offered fall term each year. Three semester hours.

BADM 365B. Operations Management - A course designed to provide the student with a broad conceptual framework for the management of operations in today's competitive, global environment. This course emphasizes the strategic importance of operations decisions and how all functions within an organization interrelate. Specific attention is placed on developing a competitive operations strategy, decision-making, TQM, process management, and the use of technology to create new products and improve processes. Using case analysis and simulations, students develop a deeper understanding of realistic business issues and learn to apply the concepts presented in the text. Three semester hours.

BADM 375. Small Business Management - A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Prerequisite: BADM 361. Offered spring term each year. Three semester hours.

BADM 380. Introduction to Health Care Administration - An introduction to various aspects of health care administration, including an overview of the health care delivery system in the United States and the various components and services within the health care industry. Guest lecturers from various health care agencies provide students with information about their professions. Offered fall term even years. Three semester hours.

BADM 382/382M. Sport Marketing - A course designed to provide students with an in-depth knowledge of the strategies and techniques used when promoting and marketing sports. Students will develop promotional

strategies associated with real life sport organizations in an effort to understand the unique marketing needs of the sport product. Prerequisite: BADM 210. Cross-listed as EXSC 382. BADM 382 or 382M offered spring term each year. Two semester hours.

BADM 383. Sport Finance - A course designed to provide the student with an understanding of various aspects of sport finance including financial budget, analysis, management, and planning. Internal development through fund raising in both the sport and recreation industries will also be covered. Application of course material will be emphasized through project based assignments. Prerequisite BADM 210. Cross-listed as EXSC 383. Offered fall term each year. Two semester hours.

BADM 384/384M. Sport Facilities – A course designed to provide the student with an understanding of the various techniques/theories of sport facility management and design. This course will include traditional classroom presentations, various assigned readings, and facility tours. Prerequisite BADM 210. Cross-listed as EXSC 384. BADM 384 or 384M offered spring term each year. Two semester hours.

BADM 385. Professional and Personal Development - A course designed to provide the student with an understanding of effective professional and personal behavior in an organization. The course focuses on understanding the behavior of workers and managers in an organizational environment, developing effective communication styles, working in a team environment, handling power and politics in an organization, understanding change, conflict and creativity, and developing and reaching personal goals. Using personal assessments, skill building exercises, and case analysis, students build the interpersonal skills required for successful interaction within the business environment. Offered spring term each year. Three semester hours.

BADM 386. Sport Law and Ethics – A course designed to provide the student an overview of legal and ethical issues encountered in both amateur and professional sports in the areas of contracts, torts, antitrust, labor, and agency law. Students will explore both the legal and ethical dimensions of contemporary issues in sport while considering relevant case law, statutory law, and scripture. Cross-listed as EXSC 386. Offered fall term odd years. Two semester hours

BADM 390. Global Business Management and Strategy - A course designed to cover the major topics normally offered in a course in international business management and strategy as well as more in-depth coverage of such areas as international corporate finance, human resource management, and strategy. It also has a very important function of enabling the integration of field experiences, corporate visits, and presentations by guest faculty with the current theoretical developments and literature in this field. Offered summer term each year as part of IBI program. Three semester hours.

BADM 395/395M. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

BADM 401 Cross-Cultural Business Experience: Germany – This course introduces a combination of German history, culture, and business to students through readings, oral presentations, discussions, and traveling to Germany during the Spring Break. The trip will visit four German cities, including Munich, Rothenburg, Heidelberg, and Frankfurt. While students will have the opportunity to gain a greater historical and cultural perspective through tours of each city, emphasis will be placed on visiting a variety of businesses (i.e. BMW) and the Deutsche Borse Stock Exchange. In addition, students will participate in a guided tour of the Dachau Concentration Camp Memorial. This course is structured to include pre-trip classroom engagement, student group projects and oral presentations, trip-journal responses, and after-trip reflection essays. Offered periodically. Three semester hours.

BADM 410. Entrepreneurship: Theory, Process, Practice – Entrepreneurs are individuals who recognize opportunities where others see chaos, contradiction, and confusion. This course will focus on the aspects of innovation and growth associated with entrepreneurial ventures as business owners work to leverage the company's capacity through systems development and implementation. The course will explore the legal, marketing, and financial challenges of entrepreneurial ventures as well as business and strategic planning. Offered periodically. Three credit hours.

BADM 418/418M. Marketing Management – A course that applies marketing principles, practices, and theories to the formulation of strategic marketing plans and solutions for U.S. and global markets. It also builds analytical skills in diagnosing marketing problems, identifying opportunities, analyzing alternative courses of action, and recommending marketing strategies and action plans. Concentration is placed on decision-making, financial and ethical analysis, and individual and team assignments. Prerequisites: BADM 315, BADM 304, and BADM 317 or BADM 318. BADM 418 or 418M offered fall term each year. Three semester hours.

BADM 421. Business Ethics - A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Offered every term. Three semester hours.

BADM 421B. Business Ethics - A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.

BADM 470. Business Strategy - An integrated study of the functional areas of finance, marketing, and management with concentration on case analysis, readings, and computer simulations. Prerequisites: BADM 315 and 361 and ECON 301. Offered spring term each year. Three semester hours.

BADM 470B. Business Strategy - An integrated study of the functional areas of finance, marketing, and management with concentration on case analysis, readings, and computer simulations. Prerequisites: BADM 315B, 361B, and ECON 301B. Three semester hours.

BADM 480. Long-Term Care Administration - A study of the principles and applications of long-term care administration, including general management, environmental management, patient care, personnel management, and government regulations. Offered spring term even years. Three semester hours.

BADM 481/481M. Policies and Issues in Health Care - A focus on the application of analytical skills of policy formation in the health professions. The course focuses on analyzing the processes in the design, adoption, implementation, and evaluation of current health policy. Recent political and ethical issues relating to health care policy are examined. BADM 481 or 481M offered spring term odd years. Three semester hours.

BADM 491. Internship - A practicum experience which involves the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Prerequisite: consent of major professor. One to six semester hours.

BADM 491B. Internship - A practicum experience which involves the student in a position in business under adequate supervision for the joint

purposes of learning about business and possible occupational choices. The internship must be completed in a functional area outside of the student's full time employment (either at a different organization or within a different functional area of the full time employment organization). Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours.Prerequisite: consent of academic advisor and internship coordinator. One semester hour per term. Maximum of three semester hours total.

BADM 491I. International Internship - A global practicum experience which involves the student in a position in an international business under adequate supervision for the joint purposes of learning about business and possible occupational choices within a global company. Prerequisite: BADM 340 and consent of major professor. Offered every semester, including summers. One to six semester hours.

BADM 495/495M. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

BADM 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.'

BADM 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour

BADM 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

CHEMISTRY

CHEM 150. Chemistry and Society - A one-semester chemistry course which focuses upon chemistry in the context of every day experiences. Topics such as alternative fuels, plastics and polymers, nutrition, genetic engineering, and acid rain will be discussed within the context of their social, political, and ethical implications. The underlying chemical principles will be included on a need-to-know basis to help students develop critical thinking skills in the area of consumer chemistry. Not applicable toward a chemistry major or minor unless by consent of the Chair of Scientific Learning. Three-hour lecture and two-hour laboratory weekly. Offered spring term odd years

CHEM 170. General Chemistry I - A study of the principles of general chemistry including atomic/molecular structure, bonding and stoichiometry. Laboratory work includes basic laboratory techniques. Three hours lecture, one one-hour recitation session, and one three-hour laboratory weekly. Offered in the fall term each year. Four semester hours.

CHEM 171 General Chemistry II - A study of the principles of general chemistry including equilibria, kinetics and advanced bonding theories. Laboratory work includes basic laboratory techniques. Prerequisite for CHEM 171: C- or better in CHEM 170. Three hours lecture, one one-hour recitation session, and one three-hour laboratory weekly. Offered spring term each year. Four semester hours.

CHEM 270. Organic Chemistry I - A study of the structure, nomenclature, and reactivity of organic compounds, aliphatic and aromatic. Prerequisite: C- or better in CHEM 171. Three hours lecture and one three-hour lab per week. Offered fall term each year. Four semester hours.

CHEM 271. Organic Chemistry II - A continued study of the structure, nomenclature, preparation, and reactivity of organic compounds, aliphatic and aromatic, with the addition of spectroscopic techniques and functional group analysis. Prerequisite: C- or better in CHEM 270. Three hours lecture and one three-hour lab per week. Offered spring term each year. Four semester hours.

CHEM 340. Analytical Chemistry I: Quantitative Analysis - A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Prerequisite: C- or better in CHEM 170 and 171. Offered fall term even years. Three hour lecture and one three-hour lab weekly. Four semester hours.

CHEM 341. Analytical Chemistry II: Instrumental Analysis - An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: C- or better in CHEM 171. Three hours lecture and one three-hour laboratory weekly. CHEM 340 is not a prerequisite. Offered spring term odd years. Four semester hours.

CHEM 401. Physical Chemistry I: Thermodynamics - The study of the Laws of Thermodynamics, electrochemistry, and chemical kinetics. Prerequisite: consent of the instructor. Offered as spring term even years. Four semester hours.

CHEM 402. Physical Chemistry II: Quantum Chemistry - The study of aspects of modern quantum theory including the Schrodinger Equation, Huckel Molecular Orbital Theory, and atomic structure relating to chemical reactivity. Prerequisites: CHEM 271, PHYS 204, and MATH 211 and 212. MATH 307 Linear Algebra is recommended but not required; CHEM 401 is NOT a prerequisite. Offered fall term odd years. Three semester hours.

CHEM 405. Advanced Inorganic Chemistry - Modern bonding theories are presented and applied to inorganic compounds, especially to coordination compounds. The effects of structure and bonding on chemical properties are explored. Prerequisite: consent of the instructor. Three hours lecture. . Offered spring term odd years. Three semester hours.

CHEM 410. Biochemistry I - A comprehensive study of the chemical process taking place in living cells with special concentration on catabolism and related chemical principles. Prerequisites: C- or better in CHEM 271 or the consent of the instructor. Three hours lecture and three-hour lab per week. Four semester hours. Offered fall term each year.

CHEM 411 Biochemistry II - A comprehensive study of the chemical processes taking place in living cells with special concentration on anabolism and related chemical principles. Prerequisites: C- or better in CHEM 271 or the consent of the instructor. Three hour lecture per week and three-hour lab per week. Four semester hours. Offered spring term even years.

CHEM 490. Research Problem - Research on special problems in chemistry under the direct supervision of an instructor. Prerequisites: twenty hours of chemistry and consent of the faculty member to direct the research problem. Offered as needed. One to four semester hours.

CHEM 491. Internship – An internship in chemistry under the supervision of a member of the Chemistry faculty. Prerequisite: Consent of the instructor. One to six semester hours. Offered as needed.

CHEM 494. Capstone Seminar – This course delves into the ethics faced in any chemistry-based career. Relevant topics ranging from genome editing to environmental pollution will be discussed within the context of Servant Leadership and a Christian worldview. Students will come away from this course with the tools necessary to effectively communicate and discourse with the word-at-large about important ethical dilemmas facing those in the chemical industry. Offered fall term even years. Three semester hours.

CHEM 495 Seminar. – A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the

regular course offerings. Topics vary from semester to semester. Offered as needed. One to three semester hours.

CHEM 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

CHEM 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

CHEM 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

CHINESE

CHIN 111-112. Elementary Mandarin Chinese – A course designed for students who are beginners of Chinese or who have had no prior exposure to Chinese language. The course develops basic language skills in listening, speaking, reading, and writing in modern standard Mandarin Chinese, using pinyin system and simplified characters. This course provides students with basic conversational ability in Mandarin Chinese and introduce students to Chinese culture at a beginner's level through hands-on practice of the Chinese language. CHIN 111 is taught each fall semester; CHIN 112 is taught each spring semester. Three semester hours each.

CHIN 200. China Cultural Experience - This course introduces a multifaceted Chinese society and Chinese culture to students through readings, oral presentations, discussions, and traveling to China during the Spring Break. Students will visit multiple Chinese cities, located in different regions with different social-economic development status. In addition, students will have face-to-face interactions with local families and local students to discuss the issues of their interests. This course will be structured to include pre-trip preparation meetings, student group oral presentations, trip-journal responses, and after-trip reflection essays. Offered alternate spring terms. Three semester hours.

CHIN 211-212. Intermediate Mandarin Chinese - CHIN 211 is designed for students who have introductory level Mandarin Chinese skills. Building on the basic language skills learned in Elementary Mandarin Chinese (CHIN 111-112), this course strengthens communicative skills, expands vocabulary, introduces more complex grammar structures, improves reading and writing skills, and further develops students' cultural competence. This course provides students with intermediate language ability in Mandarin Chinese about daily activities through guided practice, linguistic, and cultural awareness of the language. CHIN 212 is a continuation of CHIN 211. CHIN 212 continues to strengthen communicative skills, expand vocabulary, introduce more complex grammar structures, improve reading and writing skills, and further develop students' cultural competence. Prerequisite for CHIN 211: CHIN 112 or equivalent. Offered fall term each year. Prerequisite for CHIN 212: CHIN 211 or equivalent. Offered spring term each year. Three semester hours each.

CHRISTIAN MINISTRY

CMIN 256. Chapel Service Practicum - This course provides students the opportunity to plan, execute, and evaluate the weekly Thursday chapel services for the Milligan community. Students are required to attend all Thursday chapels, a weekly planning and evaluation session, and some rehearsals. Student may take the course up to four times. Permission of the instructor required. Offered every term. One semester hour.

CMIN 258. Chapel Preaching Practicum - This course provides students the opportunity to discern the spiritual needs of Milligan undergraduates and design sermon series for chapel that seek to address them. Students will determine the direction for the sermon series as well as the individual sermons, including passages and even small group curriculum. Students are required to attend all Thursday chapels and a weekly class session. Students may take the course up to four times. Permission of the instructor required. Offered every spring term. One semester hour.

CMIN 260. Ministry Leadership Seminar - A series of practically-oriented seminars on various subjects led by widely-respected practitioners in the field of Christian ministry. Required of most majors in the Bible Area. Topics vary; course may be taken multiple times. Offered each semester. Two or three semester hours.

CMIN 265. Effective Christian Evangelism - A focus on current forms and styles of Christian evangelism, following a brief overview of New Testament scriptures about evangelism and some methods used in the past. Some attention is also given to personal efforts at sharing Christian faith. Prerequisites: BIBL 123 and 124. Offered periodically. Three semester hours.

CMIN 270. Fundamentals of Intercultural Studies - A study of the biblical and theological basis for intercultural studies and service, pointing out the implications of ecumenics, anthropology, and changing world conditions for present practice. Prerequisites: BIBL 123 and 124. Offered spring term alternate years. Three semester hours.

CMIN 271. History of Christian Missions - A survey of the history and progress of missions since the beginning of Christianity. Same as HIST 271. Prerequisites: BIBL 123 and 124. Offered spring term alternate years. Three semester hours.

CMIN 273. Foundations of Christian Ministry - An examination of ministry identity, call, leadership, and foundational ministry tasks. The course invites students to reflect theologically upon the practice of Christian ministry. Students will also study, practice, and reflect on the role of spiritual formation in a ministry context. Offered spring term each year. Three semester hours.

CMIN 276. Fundamentals of Preaching - An introduction to the elements of sermon preparation and delivery. Includes discussions of text selection, exegetical process, sermon construction, and audience analysis. A practicum component involving student preaching and evaluation is an integral part of the course. Prerequisites: COMM 102, and BIBL 123 and 124. Offered spring term odd years. Three semester hours.

CMIN 278. Fundamentals of Teaching - A study of the various aspects involved in the teaching/learning process. Students will explore the exegetical process, various teaching methods, learning theories, and principles of curriculum development. A survey of biblical, historical, philosophical, and theological foundations for Christian education is included. Prerequisites: BIBL 123 and 124. Offered spring term even years. Three semester hours.

CMIN 317. Fundamentals of Children's Ministry - An analysis of the fundamental components needed to design and implement a healthy and sustainable children's ministry. Students will consider the relational, organizational, and leadership skills needed for effective children's ministry as well as the personal and professional life of the minister. The course will include a focus on ways to understand, support, and minister to diverse types of families. Prerequisite: CMIN 273. Offered fall term even years. Three semester hours.

CMIN 318. Fundamentals of Student Ministry - An analysis of the fundamental components needed to design and implement a healthy and sustainable student ministry. Students will consider the relational, organizational, and leadership skills needed for effective student ministry as well as the personal and professional life of the student minister. Prerequisite: CMIN 273. Offered fall term odd years. Three semester hours.

CMIN 350. Ministry in a Changing Culture - Culture is the ever-changing context for effective Christian ministry. This course will invite students to think theologically and practically about leadership in a changing cultural context. Students will acquire the tools necessary to understand the mission of the Church in contemporary culture. Offered fall term each year. Three semester hours.

CMIN 365. Theology of Christian Worship - A study focused on the theology and leadership of Christian worship in a public context, including both practical and theological considerations. Some attention is given to planning and coordinating the various facets of a public service. Guest speakers and possible field trips are included. Prerequisites: BIBL 123 and 124. Satisfies the theology elective in Bible Area majors. Offered fall term even years. Three semester hours.

CMIN 375. Narrative and Story-Telling - The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observations. Prerequisites: BIBL 123 and 124. Offered periodically. Two semester hours.

CMIN 430. Servanthood in the Third Millennium - An examination of the nature of servanthood and the formation of the servant of Christ for the world. Topics include identity of the servant, spiritual formation, the role of community, the servant and culture, preparation for service, and serving across cultural lines. Prerequisites: BIBL 123 and 124. Offered periodically. Three semester hours.

CMIN 440. Transforming Church Leadership - A study of the nature of leadership with specific application to the local church. Examines the foundational teachings and primary metaphors of leadership in the Bible and helps students develop a theologically informed perspective on leadership. Offered spring term odd years. Three semester hours.

CMIN 470. Current Issues in World Mission - A study of important movements and trends within the field of world mission. Topics of discussion include models of ministry, leadership and missions, the internationalization of mission, and mission to North America. Prerequisites: BIBL 123 and 124. Offered periodically. Three semester hours.

CMIN 480. Theological Integration - Required senior capstone course for all majors in the Bible Area that offers students the opportunity to 1) reflect on their preparation for various forms of ministry; 2) discuss more fully the intersection and integration of Biblical, historical, theological, and practical studies; and 3) complete their required portfolio. Offered fall term each year. One semester hour.

CMIN 491A. Mentored Ministry Experience (6 hrs) – Intensive involvement in ministry with a church or parachurch organization with approved mentoring and evaluation. Arrangements are to be made through the Director of the Ministry Leadership Program. Six semester hours. Note: This requirement is met during a full academic semester**.**

CMIN 491B. Mentored Ministry Experience (3 hrs) – Intensive involvement in ministry with a church or parachurch organization with approved mentoring and evaluation. Arrangements are to be made through the Director of the Ministry Leadership Program. Three semester hours. May be taken twice.

CMIN 491C. Intercultural Mentored Ministry Experience (3 hrs)– Intensive involvement in ministry in an intercultural setting with approved supervision and evaluation. Arrangements are made through the Director of the Ministry Leadership Program (MLP). Three semester hours. Note: This requirement is normally met during a term of not less than eight weeks during the summer following the junior year**.**

CMIN 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Not offered every year. One to three semester hours.

CMIN 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

CMIN 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

CMIN 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

COMMUNICATIONS

See also: FILM, GRAPHIC DESIGN, INTERACTIVE MEDIA DESIGN, and MULTIMEDIA JOURNALISM.

COMM 101. Popular Culture, Mass Media, and Religion - A course that examines the interplay between the mass media, the popular arts, the Christian faith, and culture so as to encourage students to practice culture-consumption and culture-making in a more intentionally Christian fashion. Offered fall semester every year. Three credit hours.

COMM 102/102M. Speech Communication - A study of the basic principles of interpersonal, small-group, and public communication with concentration on public speaking. Exercises in each area focus attention on individual needs and skills. COMM 102 offered every term. COMM 102M offered as needed. Three semester hours.

COMM 105. Introduction to Media Writing – An introduction to and practice in the fundamentals of writing for a variety of mass media professions, including journalism, public relations, technical writing, internet, and broadcast. The course will focus on conducting research; organization; storytelling forms; grammar and syntax; and production processes. Required for all Film, Multimedia Journalism, and Public Relations majors; and Professional Writing minors. Offered fall term each year. Three semester hours.

COMM 180/180M. Introduction to Storytelling – A course in which students become aware of their own potential as storytellers and the power of storytelling in their lives and professions. Storytelling literature and history of storytelling are surveyed, but the practice of telling stories orally receives the major concentration. Students begin the development of their own personal style and develop a repertoire of stories. COMM 180 offered every term. COMM 180M offered as needed. Three semester hours.

COMM 184. Radio Lab - An opportunity for students to work with their campus FM radio station, WUMC 90.5. Students perform a variety of tasks from administrative duties and creating promotional announcements to on-air board shifts. The station streams its signal online so friends and family can listen to student-produced programming. Non-communications-related majors are encouraged to enroll in this lab. Students may take this course repeatedly and accumulate credit hours. Offered every term. One to three semester hours.

COMM 185. Video Streaming and Production - This course is designed to provide students with video production experience in live streaming events. This includes athletic events and specialty Milligan events as they arise. Specifically, this course is intended for those students interested in skills and hands-on training needed for basic video streaming of live events and field production. Producing, directing, camera operation and graphics operator positions are available. Canvas will be used to keep track of

calendar events and production positions to be filled. Offered every term. One to three credit hours.

COMM 195. Seminar – A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from term to term. Course offering to be announced. One to three semester hours.

COMM 201/201M. Principles of Interpersonal Communication - An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. COMM 201 or 201M offered fall term each year. Three semester hours.

COMM 284. Digital Audio Production - A study of the processing techniques dealing with both live and recorded sound. Primary concentration is upon the manipulation of that sound for radio broadcast, although consideration is given to live and studio recording. Content includes the understanding of the physical aspects of the creation of sound, proper use of microphones, sound mixing, as well as principles and techniques of recording and play back. Vocal sound production for speech and fundamentals of announcing are also covered. Course offering to be announced. Three semester hours.

COMM 295. Seminar – A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from term to term. Course offering to be announced. One to three semester hours.

COMM 305. Technical and Specialized Writing – An introduction to the writing that deals with various technical and specialized subjects, such as computer science, biotech, engineering, finance, healthcare, information technology, medicine, etc. Students will consider common forms, including documentation, manuals, proposals, reports, and executive summary statements. Students will consider questions of audience, visual design, style, vocabulary, and publication. Taking a cross-disciplinary approach, students majoring in or interested in specific disciplines may consult with faculty or other professionals in their field. Prerequisite: COMP 111, COMM 105, or equivalent. Three credit hours. Offered spring even years.

COMM 311/311M. Public Relations Strategies - An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Concentration is on the role of public relations within the media system as well as in the American social and political economy. Prerequisite: COMP 211 and COMM 105 or consent of the instructor. Offered fall term each year. Three semester hours.

C**OMM 337. Photojournalism** - See ART 337.

COMM 341/341M. Principles of Organizational Communication - An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, organizational structure in business and industry, and the role of communication in the process by which complex tasks are carried out. COMM 341 or 341M offered spring term even years. Three semester hours.

COMM 345. Strategic Small Group/Team Communication – Small groups or teams are an integral part of life. This course is designed to guide students to become strategic servant leaders and active participants in small group/team life. Topics include ethical standards of leadership, discussion, roles, organization, consensus, decision-making, problem solving, and small group/team dynamics. 3 semester hours. Offered spring term odd years.
COMM 370. The Art of Persuasion – An exploration of the fundamental features of rhetoric primarily using classical Greek and Roman theory. That theory is applied to modern attempts to persuade, but also the use of emotion, character, and style. Students will analyze and evaluate speeches and texts. Offered fall semester odd years. Three semester hours.

COMM 380/380M. Media Effects on Children and Adolescents - A seminar course in media literacy with an emphasis on the psychological, social, and educational effects on children and adolescents. The course includes discussion of the evolving nature of media and laws governing them. Such media include television, movies, the Internet, newspapers, magazines, music, and interactive video games. Discussion and assignments focus on the relative impact of these media on things such as body image, drug and alcohol use, sexuality, sociability, morality, and cognitive development. An emphasis is placed on becoming a media literacy advocate within one's own family, school, and community. Cross-listed as PSYC 380. Offered occasionally. Three semester hours.

COMM 384. Digital Recording Techniques - A continuation of COMM 284 with a focus on obtaining sound in a studio or field environment, editing, and manipulation of recorded material for content and time considerations. Topics include microphone selection and placement, remote and studio recording procedures, creation and use of sound effects, and news documentaries. Prerequisite: COMM 284 or consent of the instructor. Course offering to be announced. Three semester hours.

COMM 395. Seminar – A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from term to term. Course offering to be announced. One to three semester hours.

COMM 400. Field Studies in Communications - A study tour to a selected city in the United States for the purpose of studying various aspects of the mass media field. Tour leaders arrange visits to venues such as media agencies, production studios, and broadcast companies. Specific reading assignments are completed before the trip. Students are required to keep a journal of their experiences and submit a final paper, which reflects on those experiences. Offered at least once every other academic year, in conjunction with ART/MUSC 400. One semester hour.

COMM 401. Exploring Media Across Cultures - This course explores the background, values, and economics of mass media systems in non-U.S. cultures. The course is built around travel to other countries that will include visits to media outlets, lectures, and discussions. Students will read and conduct research, engage in discussion, and reflect on their experiences through written, audio, and/or visual presentations. Offered periodically, in conjunction with BADM 401. Three semester hours.

COMM 411/411M. Public Relations Practices - An introduction to the specialty writing skills related to this industry, with an emphasis on developing a personal portfolio including a news release, feature article, public service announcements, brochure/flier, and emergency plan. Special attention is given to research, planning, writing, and distribution of public relations materials for all media, with additional discussion on emergency contingencies, social media, and interviewing. Prerequisites: COMM 105 and COMM 311. COMM 411 or 411M offered spring term each year. Three semester hours.

COMM 438. Communications Law - A course addressing major legal issues in various fields of communications, with particular attention on mass media. Required for all Film, Graphic Design, Multimedia Journalism, and Public Relations majors; recommended for juniors and seniors. Prerequisites: COMM 101, 102, 105, and FILM 277, or consent of the instructor. Offered fall term each year. Two semester hours.

COMM 439. Communications Ethics – A course addressing major ethical issues in various fields of communications, with particular attention on mass media. The course will seek to consider and integrate Christian thinking and values. Required for all Graphic Design, Multimedia Journalism, and Public Relations majors; recommended for juniors and seniors. Prerequisites: COMM 101, 102, 105, and FILM 277, or consent of the instructor. Offered spring term each year. Two semester hours.

COMM 460. Student Media Agency – Students will work as members of a media agency to plan and produce media projects for clients in a

professional environment. Working under faculty supervision, students will be involved in all stages of media projects, including seeking and consulting with clients; project design, presentation, and execution; and budgeting. The course may be repeated, and returning students have the opportunity for advancement to leadership positions. Open to all students, but preference given to upper-level communications students. One or two credit hours per semester. Offered every term. Prerequisites: COMM 105, ART 237 or ART 287, FILM 277, GRDS 256 or GRDS 313, IMD 225, and consent of instructor.

COMM 480. Senior Capstone: Vocation, Profession, Portfolio - A course designed to give senior media and communications students an opportunity for focused preparation as they plan to enter their chosen professions or graduate education. Students will develop a professional portfolio, sharpen essential interpersonal skills (including interviewing), and learn fundamental business and finance skills for communications professions. Through readings, writing, and discussion, students will also reflect on the implications of integrating Christian faith with their life and work in the communications field. 3 semester hours. Offered fall term each year.

COMM 482. Visual Media Lab - A guided studies course in which students may receive course credit for advanced readings and special on-campus projects in television, video, film, and other visual media. Prerequisite: consent of instructor. Course offering to be announced. One to three semester hours.

COMM 483. Public Relations Lab - A guided studies course in which students may receive course credit for advanced readings and special on-campus projects in public relations. Prerequisite: consent of instructor. Course offering to be announced. One to three semester hours.

COMM 485. Multimedia Lab - A guided studies course in which students may receive course credit for advanced readings and for the production of special on- or off-campus projects using multimedia development techniques. Prerequisite: consent of instructor. One to three semester hours.

COMM 489. Directed Readings - A supervised program of readings that provides for study of material not included in the regular course offerings. Course offering to be announced. One to three semester hours.

COMM 490. Directed Studies - A program of readings and conferences that provides for individualized study. Course offering to be announced. One to three semester hours.

COMM 491. Internship - A practicum experience in which students work in a professional setting using media skills from major courses, either in print, visual, digital or public relations media. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Offered every term. Prerequisite: senior standing or consent of instructor. Three semester hours.

COMM 495. Seminar - A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from term to term. Course offering to be announced. One to three semester hours.

COMM 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

COMM 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

COMM 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

COMPOSITION

COMP 093. Writing Strategies for College Success - A course providing extra preparation for COMP 111. The course includes rhetoric, essay organization and development, research and source support, paragraph and sentence structure, and revision and editing techniques. Not applicable toward the 128 hours required for a degree. Students are not allowed to withdraw from COMP 093. Offered fall term each year. One semester hour.

COMP 111/111M. Rhetorical Composition - Part of a two-semester sequence that prepares students to read, think, and write critically in preparation for work in all disciplines. The first semester of this writing-intensive course emphasizes the basics of effective rhetoric. Students focus on recognizing effective arguments, constructing effective arguments, and recognizing how various rhetorical situations shape the context of effective communication. Students must earn a C- or better in COMP 111 in order to advance to COMP 211 and to meet the writing requirements for graduation. COMP 111 offered spring term each year. COMP 111M offered as needed. Three semester hours.

COMP 211/211M. Inquiring Minds: Foundational Analytical Composition - Offered in the sophomore year, this course prepares students to read, think, and write critically in preparation for work in all disciplines. As the second semester of the writing-intensive general requirement, this course emphasizes more advanced analytical skills in multiple disciplines. Students build on the first semester's rhetorical foundation by focusing on different citation styles, longer essays, and multi-faceted argumentation. Prerequisite: C- or better in COMP 111. COMP 211 offered fall term each year. COMP 211M offered as needed. Three semester hours.

COMP 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

COMP 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

COMP 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

COMPUTER SCIENCE

CS 201. Computer Organization and Architecture – A study in computer science hardware emphasizing the structure of the complete computer system (CPU, memory, buses, and peripherals). Themes and variations to that system are examined showing the architecture of a microprocessor rather than the system design. ARM processors are used as a vehicle to introduce assembly language and computer organization. Offered spring term. Three semester hours.

CS 211. Programming Logic – An introduction to all aspects of object-oriented logic and the problem-solving process. High level languages are used with concentration on good programming practices. Offered fall term. Three semester hours.

CS 230. Information Assurance and Security - Principles of Information Security are examined as they relate to business, government, and non-profit organizations. Topics include cryptography, cybersecurity personnel and management, incident response and contingency planning, security technology, legal and ethical issues, and risk management. Offered spring term even years. Three semester hours.

CS 297. Object Oriented Programming- C++– This course covers C++ language elements and characteristics: data types, operators, control structures, loops, parameter passing, recursion, single- & multi-dimensional arrays, vectors, pointers, and dynamic arrays. The course also provides an overview of Input/Output operation, exception handling, and Object-Oriented Programming (OOP) concepts including objects, classes, member functions, encapsulation, abstraction, polymorphism, and inheritance. Offered fall term. Prerequisite: CS 211. Three semester hours.

CS 301. Operating Systems – A basic overview of operating system design and implementation. The student acquires fundamental theories of an operating system and working knowledges of Linux or other operating systems. The course focuses on four OS subsystems: processor management, memory management, file system, and device management. Offered spring term. Three semester hours.

CS 307. Data Structures – A study of software engineering principles and object-oriented design using pointers, array-based lists, recursion, stacks, queues, search and sort algorithms, and binary trees. Prerequisite: CS 297 or IS 297. Offered spring term. Three semester hours.

CS 313. Advanced Programming - This is an advanced course in object-oriented programming. The course uses advanced specific object-oriented techniques in objects, classes, inheritance, polymorphism, information hiding, and GUIs. Prerequisite: CS 297 or IS 297. Offered fall term.

CS 320. Networking and Communication - An introduction to data transmission concepts and techniques. Topics included are: TCP-IP, Routing and Switching, IP addressing, Network Security, Protocols and concepts. This course is directed toward NET+ Certification. Prerequisite: CS 201. Offered spring term. Three semester hours.

CS 325. Robotics – This is a project-based course to produce a remote-controlled vehicle (ROV) designed specifically for marine advanced technology education (MATE) regional and international competition. Students will participate as a team in a challenge that engages a global community of learners. The competition challenges students to apply business, communication, mathematics, engineering (mechanical and electrical) and computer science concepts and theories. Open to all students. Offered spring term. Three credit hours.

CS 327. Ethical Hacking - An in-depth discussion about how hackers attack computing systems. Focus on vulnerability assessments, resonance activities, password auditing techniques, social engineering and open-source intelligence gathering, and how lateral movement by an attacker occurs. Remediation techniques will be discussed to enable students to find vulnerabilities and how to minimize the risk they pose. Offered fall term. Three semester hours.

CS 330. Computer Forensics - This course will provide students with foundational tools and techniques on how to triage, acquire, process, and report on various computer forensics assignments. Topics include creation of a computer forensics lab and workflow, acquiring digital evidence from various computing platforms, email and social media computer forensics considerations, cloud forensics, and expert witness testimony. Offered spring term. Three semester hours.

CS 332/332M. Legal, Privacy, and Ethical Issues in Cybersecurity - This course focuses on ethics for IT professionals and IT users. Topics include cyberattacks and cybersecurity, privacy, freedom of expression, intellectual property, ethical decisions in software development, and the impact of information technology on society, social media, and ethics of IT organizations. Offered fall term even years. Three credit hours.

CS 350. Analysis of Algorithms – A study of theoretical models of computation, including finite state machines, pushdown automata, context-free grammars, Turing machines, decidability, complexity theory, and NP-Completeness. This study covers efficient computation, models of computational processes, and their limits. Prerequisites: CS 211 and CS 307. Offered spring term. Three semester hours.

CS 410. System Administration - System administration of large-scale enterprises will be discussed. The role of virtualization within the enterprise will be explored along with modern user administration. Consideration to storage, security, networking and remote access will be given. Offered spring term. Three credit hours.

CS 425 Network Security – Securing a network is an integral component of an overall Cybersecurity program. Network security provides in-depth discussion of Firewalls and their design considerations within complex networking environments. Remote access technologies will be explored that can be used to connect modern remote workforces to secure corporate resources. Topics include network design considerations, firewall implementation and deployment, firewall configuration, remote access technology deployment and management, and Cybersecurity considerations and best practices with remote access. Offered fall term. Three credit hours.

CS 450. Computer Science Design Capstone - The senior capstone course in which students incorporate all aspects of previous study in computer science such as architecture, operating system, programming, software testing, and mathematics to solve real-life business problems. Open to senior computer science majors only or by permission of the instructor. Offered spring term. Three semester hours.

CS 491. Internship – A practicum experience in which students work in a professional setting using computer information systems skills from their major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Prerequisite: Consent of major professor. Offered every term. One to six semester hours.

CS 495. Seminar – A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semesters. Prerequisite: permission of the instructor or major professor. Offered as needed. One to three semester hours.

CS 499A. Mentored Research – A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

CS 499B. Mentored Research – A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

CS 499C. Mentored Research – A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

CRIMINOLOGY/CRIMINAL JUSTICE

CRCJ 210. Introduction to Criminology/Criminal Justice - This course explores criminal justice in the United States. It will provide students with an understanding of the American criminal justice system and its major components, including the police, the courts, and corrections. Offered fall and spring terms each year. Three semester hours.

CRCJ 220. Judicial Process- An introduction to legal system methodologies and the various components and enforcement mechanisms of the Judicial Branch. This course will introduce students to the fundamentals of legal precedence, charging documents, the trial process, diversion, and community and institutional corrections. Practical exercises will include participation in mock trials, experiential learning from social service agencies, and the collaboration with community rehabilitation programs such as Teen Court. Offered spring term each year. Three semester hours.

CRCJ 310. Criminology- Criminology is the study of the making, breaking, and enforcing of criminal laws. Its aim is to understand empirically and to develop and test theories explaining criminal behavior, the formation and enforcement of laws, and the operation of criminal justice system. Offered fall term each year. Three semester hours.

CRCJ 320. Juvenile Justice and Delinquency- A study of the causes and trends of youth crime. The prediction, prevention, treatment and control of juvenile delinquency by social control agencies is examined relative to social policies needed to reduce its incidence. The organization and procedures of the juvenile justice system will be explored. Offered spring odd years. Three semester hours.

CRCJ 330. Criminal Evidence and Investigations- An introduction to the procedures and techniques of criminal investigation. Topics discussed will include interview, interrogation, witness identification, crime scene search, collection and preservation of evidence for forensic science analysis, and case preparation. Prerequisite: CRCJ 210. Offered spring term even years. Three semester hours.

CRCJ 350. Leadership and Ethics in Criminal Justice- Students learn to make ethical decisions by applying professional standards in the field(s) of Criminology/Criminal Justice, relevant laws and regulations, models for ethical decisional-making, ethical conduct of research, and additional codes of ethics as appropriate to context. Students will engage in reflection and self-regulation to manage personal values and maintain professionalism in practice situations. The course will also highlight professional demeanor in behavior, appearance, and oral, written, and electronic communication. Required before Internship semester. Offered fall even years. Three semester hours.

CRCJ 355. Criminal Law and Procedure- A broad introduction to the American criminal justice system. Topics include how crimes are legally defined, legal defenses, and Constitutional limitations. The three major components of the criminal justice system are examined: law enforcement, the judicial system, and corrections. In particular, the focus is on each component's relationship to substantive and procedural law. Offered fall term odd years. Three semester hours.

CRCJ 491. Internship- A practicum experience in which students work in a professional setting using the knowledge and skills from major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 45 work hours. Offered every term. Three semester hours.

CRCJ 494. Criminology/Criminal Justice Capstone Seminar – A capstone seminar designed to promote reflection, in-depth discussion, and collaborative action research or field-based experience summation. Designed to intergrate all elements of the program, document program outcomes in the student's portfolio, and verify program completion.

CRCJ 495. Seminar- A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Offered as needed. One to three semester hours.

CRCJ 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

CRCJ 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

CRCJ 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

ECONOMICS

ECON 170. Personal Finance - An overview of personal and family financial planning with an emphasis on financial record keeping, planning spending, tax planning, consumer credit, making buying decisions, purchasing insurance, selecting investments, and retirement and estate planning. Offered every term. Three semester hours.

ECON 201/201M. Macroeconomic Principles - A comprehensive study of demand and supply, private and public economic sectors, national income accounting, theories of employment, business cycles, and economic growth. ECON 201 offered fall term each year. ECON 201M offered as needed. Three semester hours.

ECON 201B. Macroeconomic Principles - A comprehensive study of demand and supply, private and public economic sectors, national income accounting, theories of employment, business cycles, and economic growth. Three semester hours.

ECON 202/202M. Microeconomic Principles - A comprehensive study of economic decision making at an individual consumer and firm level. Particular attention is paid to the theories of consumer and firm behavior as well as the demand for and efficient utilization of resources. ECON 202 offered spring term each year. ECON 202M offered as needed. Three semester hours.

ECON 202B. Microeconomic Principles - A comprehensive study of economic decision making at an individual consumer and firm level. Particular attention is paid to the theories of consumer and firm behavior as well as the demand for and efficient utilization of resources. Three semester hours.

ECON 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

ECON 301. Corporate Finance - A study of the basic financial structure of the corporate type of business enterprise. Concentration is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: ECON 202 and ACCT 212. Offered every term (with the exception of Spring 2022). Three semester hours.

ECON 301B. Corporate Finance - A study of the basic financial structure of the corporate type of business enterprise. Concentration is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: ACCT 212B. Three semester hours.

ECON 311. Intermediate Macroeconomic Theory - Intermediate analysis of demand and supply, private and public economic sectors, national income accounting, theories of employment, business cycles, and economic growth. 3 semester hours. Prerequisites: ECON 201. Offered fall term even years.

ECON 312. Intermediate Microeconomic Theory - Intermediate analysis of economic decision making at an individual consumer and firm level. Particular attention is paid to the theories of consumer and firm behavior as well as the demand for and efficient utilization of resources. 3 semester hours. Prerequisites: ECON 202. Offered spring term odd years.

ECON 331. Comparative Economic Systems - An introduction to the comparative study of economic systems, their underlying ideological foundations, and institutional arrangements. The historical and political context of various systems is analyzed along with the central organizational features of the major types of economic systems. The major topics covered are: the origins of capitalism; capitalism in theory and as an existing system; market-oriented economies; the Japanese economy; and the changing

Chinese economic order. Special concentration is given to the attempts at transition from centrally planned economies to market-oriented structures in the former USSR and Eastern Europe. Offered summer term each year as part of IBI program. Three semester hours.

ECON 350. International Trade and Finance - A survey of the analytical and institutional aspects of international trade and finance. The historical and contextual elements are the foundation for the examination of current theoretical and empirical approaches to international economic and business relations. Prerequisite: ECON 301. Offered fall term even years. Offered summer term each year as part of IBI program. Three semester hours.

ECON 373. Stewardship of Resources Living and Learning Community I - The first semester of a year-long program that will examine the practice of caring for one's God-given resources through a variety of living and learning opportunities experienced within the context of intentional community. Students are expected to develop a greater understanding of the overall concept of stewardship and the proper care that is to be given to all of one's resources (spiritual, financial, mental, physical, natural and communal) in a way that honors God and honors God's creation. Students are expected to engage in multiple active learning experiences outside of the classroom. Prerequisites: Must apply and be accepted to the program through Residence Life. Offered periodically. Two semester hours.

ECON 374. Stewardship of Resources Living and Learning Community II - The second semester of a year-long program that will examine the practice of caring for one's God-given resources through a variety of living and learning opportunities experienced within the context of intentional community. Students are expected to develop a greater understanding of the overall concept of stewardship and the proper care that is to be given to all of one's resources (spiritual, financial, mental, physical, natural and communal) in a way that honors God and honors God's creation. Students are expected to engage in multiple active learning experiences outside of the classroom. Prerequisites: ECON 373. Offered periodically. Two semester hours.

ECON 401. Advanced Topics in Corporate Finance - A study of topics beyond the scope of Economics 301. Topics covered include capital markets, investment banking, long-term financing through debt, leasing, and stock issuance, dividend policy, convertibles, warrants, derivatives, growth through mergers and acquisitions, and international financial management. The course makes use of in-class problem solving, case assignments, classroom discussion, as well as classroom and on-site visits. Prerequisite: ECON 301. Offered spring term odd years. Three semester hours.

ECON 402. Econometrics - A survey of mathematical modeling based on economic theory. Topics in the course include the identification of variables, development and testing of hypotheses for single- and multi-equation systems. Three semester hours. Prerequisites: ECON 202 and MATH 213 or 314. Offered spring term even years.

ECON 403/403M. Money, Banking and Monetary Theory- A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: ECON 202. ECON 403 or 403M offered fall term odd years. Three semester hours.

ECON 420. Investments - This course will explore the fundamental concepts of financial markets and investment management. Emphasis is given to asset pricing, portfolio development theory, and the evaluation of investment tools and performance. Prerequisite: ECON 301. Offered spring term even years. Three semester hours.

ECON 460. History of Economic Thought - A study of the development of economics from its roots in Ancient Greek philosophy to the various schools of thought currently in existence. The philosophical framework and historical success of various modes of economic organization are compared. Emphasis is placed on how historical context and individual background of economic thinkers influenced their perspective on the organization of resources in society. Prerequisite: ECON 201 or 202. Offered spring term even years. Three semester hours.

ECON 470. Business Strategy - An integrated study of the functional areas of finance, marketing, and management with concentration on case analysis, readings, and computer simulations. Prerequisites: BADM 315 and 361 and ECON 301. Offered spring term each year. Three semester hours.

ECON 491. Internship - A practicum experience in which students work in a professional setting using knowledge from economics courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

ECON 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECON 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

ECON 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

ECON 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

EDUCATION

EDUC 150 and 150B. Introduction to Education - An orientation to the education profession from the perspective of the teacher. The readings and discussions are designed to be an introduction to the current knowledge base related to teaching. Emphasis is given to the characteristics of the caring and reflective teacher. Students will begin a teacher education portfolio in this class. Field experience practicum with related topics included. EDUC 150 offered every term. Two semester hours.

EDUC 152 and 152B. Technology in Education - Applications of technology for use in the PreK-12 classroom and for the teacher's record keeping and research. EDUC 152 offered every term. One semester hour.

EDUC 231, 231M and 231B. Psychology and Education of Exceptional Students - A study of the education of exceptional students and the psychological aspects of exceptionalities. Includes discussion of assessment, family participation, IFSPs/IEPs, service delivery models, general curriculum, and intervention strategies. Includes observation and participation in classrooms with students with special needs. EDUC 231 offered fall term. Three semester hours.

EDUC 233, 233M and 233B. Child Guidance - A study of skills and techniques for promoting positive behaviors in children birth through elementary age. Students learn how to manage routine situations related to care and education of children in a variety of professional settings from child development centers to elementary schools including the study of different approaches to classroom management. This course is appropriate for junior level students and is taught in a block format with other licensure courses. Field experience included. EDUC 233 offered fall term concurrent with EDUC 301 and 356. Two semester hours.

EDUC 234/234M. Classroom Management - A study of skills and techniques for managing middle school and secondary classrooms.

Emphasis is on strategies that prevent discipline problems and promote positive student behaviors. Review of different approaches to classroom management and discipline. Emphasizes the positive child guidance theory and constructivist learning. The knowledge base includes Brophy, Deitz, Evertson, Canter, Glasser, Johnson and Johnson, Slaven, Walker. Field experiences included. EDUC 234 or 234M offered spring term each year. Two semester hours.

EDUC 253B. Teaching Math to ECE/Elementary students - A course in promoting the understanding of the real number system. Methods for explaining rational and real numbers; statistics; probability; measurement; geometry; and algebra and connections to the Common Core State Standards will be included. Prerequisite: Grade of C or better in MATH 153. Cross-listed with MATH 253B. Three semester hours.

EDUC 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not currently covered in a single course. Not open to freshmen. One to three semester hours.

EDUC 301 and 301B. Early Childhood and Elementary Foundations - An overview of the education of children from birth through 12 years of age. History of the field, professional resources, educational models and theories, importance of working with families and appreciating diversity, and basics of developing curriculum. Field experience included. EDUC 301 offered fall term each year concurrent with EDUC 233 and 356. Three semester hours.

EDUC 307. Secondary Foundations - History, philosophy, and social foundations of secondary education. Included are examinations of secondary organization and curriculum and an overview of assessment and instructional strategies. Developmental characteristics, learning styles, and typical interests and activities of pre-adolescents and adolescents are also explored. Field experience included. Offered fall term each year. Three semester hours.

EDUC 319/319B/319M. Assessment for Early Childhood/Elementary Educators - A comprehensive study of assessment practices in preschool and K-5 elementary settings. Emphasis will be placed on selecting appropriate assessments to measure student learning and interpretation of assessment results. Candidates will learn about a variety of assessments specifically designed for preschool and elementary students. Both standardized and informal assessments and their role in measuring student performance will be covered. Enrollment limited to students admitted to the professional level of the teacher education program. EDUC 319 or 319M offered fall term each year. Three semester hours.

EDUC 321/321M. Assessment for Instruction – A study of the role of formative and summative assessment and evaluation in student learning. Candidates will learn why assessment is critical for effective teaching, the different types of assessment, and how to develop and use assessment strategies, convert the results of assessment into reports including grades, involve students in self-assessment, and communicate assessment results to students and parents. EDUC 321 or 321M offered fall term each year. Three semester hours.

EDUC 355 and 355B. Integrated Literacy I - A study of how language with all its components develops and provides the foundation for literacy learning. Emphasis is given to evidence-based, authentic literacy opportunities to promote reading, writing, listening, thinking, and speaking. The focus is on learning to use current methods and balanced strategies for designing instruction that includes all areas of literacy. Extensive field experience included. EDUC 355 offered spring term each year. Three semester hours.

EDUC 356 and 356B. Integrated Literacy II – A study of methods, materials, and assessment related to literacy instruction. An emphasis on using assessment information for guided reading and writing as well as small group intervention to build literacy skills is provided. The focus is on learning how to integrate skills-based instruction with authentic literacy experiences. Extensive field experience included. Prerequisite: EDUC 355 or 355B.EDUC 356 offered fall term each year.Three semester hours.

EDUC 357/357M. Disciplinary Literacy - In this course, students attain disciplinary literacy knowledge, including building background knowledge, deconstructing complex discipline-specific text structures, posing discipline-specific questions, and providing evidence to support and evaluate claims. During the clinical experience, students observe quality instruction and reflecting on the disciplinary literacy strategies observed. Later in the experience, students move from observing lessons to creating lessons through lesson and unit planning assignments. Students learn and demonstrate knowledge of the following discipline-specific literacy components: Prior knowledge; academic language; instructional strategies involving reading, viewing, listening, speaking, and writing to provide students with opportunities to acquire, comprehend, and communicate discipline-specific information; vocabulary; questioning; culminating daily tasks. Offered spring and summer terms each year.

EDUC 364. Special Education Foundations - A study of the historical, philosophical, and theoretical foundations of special education. Laws and policies and the effects of legislation pertaining to students with disabilities will be examined. An emphasis will also be placed on ethical responsibilities related to students with disabilities. A focus will also include major trends and issues in special education. Offered spring term each year. Three semester hours.

EDUC 380/380M. Media Effects on Children and Adolescents - A seminar course in media literacy with an emphasis on the psychological, social, and educational effects on children and adolescents. The course includes discussion of the evolving nature of media and laws governing them. Such media include television, movies, the Internet, newspapers, magazines, music, and interactive video games. Discussion and assignments focus on the relative impact of these media on things such as body image, drug and alcohol use, sexuality, sociability, morality, and cognitive development. An emphasis is placed on becoming a media literacy advocate within one's own family, school, and community. Cross-listed as COMM 280 and PSYC 280. Offered occasionally. Three semester hours.

EDUC 386. Parent and Stakeholder Collaboration – A study of collaboration methods with parents, teachers, and other stakeholders. An emphasis will be placed on co-planning and co-teaching methods used to strengthen classroom instruction for students with disabilities. Effective planning and participation in multi-disciplinary school teams will be reviewed. A focus will also be placed on communication learning and behavior management strategies with families. Students will also learn about the services, networks, and organizations that provide support across the lifespan for individuals with disabilities. Field experience required. Offered fall term each year. Three semester hours.

EDUC 403, 403M and 403B. Parent Education and Involvement – A study to prepare future educators for their role as partners with parents in the education of their children. In addition to learning how to implement school-based strategies, the students will learn how to conduct parent education and involvement activities in community settings and to offer programs for special groups of parents including new parents, foster parents, adoptive parents, parents experiencing divorce and other forms of family destabilization, and parents serving as teachers in home-based early childhood settings. EDUC 403 or 403M offered once per year. Three semester hours.

EDUC 407 and 407B. Elementary Curriculum and Methods - This course is designed to prepare the K-5 candidate with a specific focus on the educational needs of students in the cognitive realms of scientific, social, mathematical, and language learning. The focus is on instruction, lesson planning and implementing learning environments relating to the Tennessee Educator Acceleration Model (TEAM). Candidates learn how to transform standards into learning objectives and assess learning through formative and summative assessments. Candidates must plan an upper elementary unit related to students' interests, diverse needs, and state

standards. Field experience in an upper elementary classroom included. EDUC 407 offered fall term each year. EDUC 407: Three semester hours; EDUC 407B: Four semester hours.

EDUC 409. Secondary Curriculum and Methods - A course preparing secondary education students to integrate and organize the knowledge of the disciplines to fit the particular needs of students. Emphasis on assessment, planning, instructional strategies, and evaluation. Includes individualized instruction by a content area specialist on materials and methods specific to licensing areas. Field experience included. Offered spring term each year. Five semester hours.

EDUC 438/438M. Teaching English Language Learners - A study of the characteristics of children who are English Language Learners (ELL), of the assessment of their literacy skills, and of literacy intervention strategies based on a review of the literature pertaining to ELL instruction. Relevant topics include: Establishing a classroom environment that is positive and welcoming to English language learners; establishing routines; communicating with ELL students; using simple sign language; using whole group strategies; guiding written expression; establishing peer supports; organizing volunteer programs. The course provides support to a "reflective and caring" teacher of English language learners. Offered as needed. Three semester hours.

EDUC 440, 440M and 440B. Engaging Children through Diversified Strategies - A course preparing students for working with diverse student populations and focusing on the use of strategies which differentiate instruction to accommodate the learning styles, language proficiency, special needs, cultural influences, gender, and brain development of children four to fourteen years of age. The course concentrates on engaging all learners through the arts, through environmental design, and through research based instructional strategies. The course provides participants with a framework for using technology, web-based materials, and the arts as tools for engaging all learners. Field experience included. EDUC 440 offered spring term each year. Two semester hours.

EDUC 443 and 443B. Practicum - A supervised experience lasting for one semester or less in a program for children ages birth through seventeen. For child and youth development majors who are not seeking professional teaching licensure. Offered as needed. One to six semester hours.

EDUC 443ELL. Practicum: Teaching English Language Learners - A supervised practicum in lesson planning, instruction, and assessment with K-12 English as a Second Language (ESL) students. The experience provides opportunities for candidates to work with ESL students in public schools with supervision and support. Experiences may include intervention instruction and planning, consultation with teachers, working with families from diverse linguistic backgrounds, and assessment of ESL students. Prerequisite: EDUC 438. Offered as needed. Three semester hours.

EDUC 443SE. - Practicum: Special Education - A supervised practicum in lesson planning, instruction, behavioral support, and assessment with for students pursuing the K-8 Interventionist or 6-12 Interventionist endorsement. The experience provides opportunities for candidates to work with special education students in public schools with supervision and support. Experiences may include intervention instruction and planning, consultation with teachers, working with families, participating in Individualized Education Plan (IEP) meetings, and assessment of special education students. Offered as needed. Three semester hours.

EDUC 446. STAR – Seminar in Teaching, Assessment, and Reflection – A pre-clinical seminar designed to encourage in-depth planning, reflection, and assessment. This experience seeks to embed evidence-based instructional strategies, supports for academic language, differentiation, and provision of feedback into instructional and assessment activities. This course is taken the semester prior to Student Teaching and Internship II to prepare students for the required EdTPA Exam. Offered every term. One semester hour.

EDUC 451. Student Teaching: Elementary - An experience in lesson planning, instruction, and assessment, Grades K-5. An extensive orientation prepares the student for student teaching experience (fifteen weeks minimum) that includes the refinement of planning, instruction, and assessment skills in the classroom setting. Students follow the schedule of the school system to which they are assigned. Approval to student teach required. Concurrent enrollment in EDUC 460 Capstone Seminar required. Offered every term. Twelve semester hours.

EDUC 454. Student Teaching: Secondary - An experience in lesson planning, instruction, and assessment for grades 6-12. An extensive orientation prepares the student for a student teaching experience (typically fifteen weeks minimum) that includes the refinement of planning, instruction, and assessment skills in the classroom setting. Students follow the schedule of the school system to which they are assigned. Approval to student teach required. Concurrent enrollment in EDUC 460 Capstone Seminar required. Offered every term. Twelve semester hours.

EDUC 455. Student Teaching: K-12 - An experience in lesson planning, instruction, and assessment for grades K-12. An extensive orientation prepares the student for a student teaching experience (typically fifteen weeks minimum) in K-12 specialty programs that includes the refinement of planning, instruction, and assessment skills in the classroom setting. Students follow the schedule of the school system to which they are assigned. Approval to student teach required. Concurrent enrollment in EDUC 460 Capstone Seminar required. Offered every term. Twelve semester hours.

EDUC 456. Teaching Practicum - A supervised practicum in lesson planning, instruction, and assessment for grades PreK-12. Designed for post-baccalaureate students seeking an additional endorsement or interim license. Does not substitute for student teaching. Offered as needed. Three, six, twelve semester hours.

EDUC 457. Student Teaching: K-8 Interventionist - An experience in lesson planning, instruction, and assessment in grades K-8 environments providing special education services. An extensive orientation prepares the student for student teaching experience (fifteen weeks minimum) that includes the refinement of planning, instruction, and assessment skills in the classroom setting. Students follow the schedule of the school system to which they are assigned. Approval to student teach required. Concurrent enrollment in EDUC 460 Capstone Seminar required. Offered every term. Twelve semester hours.

EDUC 457. Student Teaching: K-8 Interventionist - An experience in lesson planning, instruction, and assessment, in grades 6-12 environments providing special education services. An extensive orientation prepares the student for student teaching experience (fifteen weeks minimum) that includes the refinement of planning, instruction, and assessment skills in the classroom setting. Students follow the schedule of the school system to which they are assigned. Approval to student teach required. Concurrent enrollment in EDUC 460 Capstone Seminar required. Offered every term. Twelve semester hours.

EDUC 460 and 460B. Capstone Seminar - A capstone seminar designed to promote reflection, in-depth discussion, and collaborative action research. Designed to integrate all elements of the program, document program outcomes in the candidate portfolio, and verify program completion. Also includes topical presentations by Milligan and partner school faculty. Enrollment is limited to students admitted to the professional level of the teacher education program and approved to student teach. Corequisite with student teaching. EDUC 460 offered every term. One semester hour.

EDUC 480. Behavior Support for Students with Disabilities – A study of behavioral supports for students with emotional and behavioral differences in the school setting. A focus will be placed on the range of characteristics, co-occurring conditions, performance issues in the core academic content, and effects of emotional factors on learning among students with emotional and behavioral differences. Candidates will learn

to conduct functional behavior assessments, assess social behaviors, and prepare functional behavior assessment reports. An emphasis will be placed on non-aversive techniques, prevention and intervention strategies, strategies to teach alternative behaviors, and the creation of behavior support plans. Field experience required. Offered fall term each year. Three semester hours.

EDUC 483. Methods of Instruction in Special Education – Neurobiological and medical factors of students with learning and behavioral disabilities, characteristics influencing reading, writing, and math performance, and education procedures and materials for teaching students with learning and behavioral disabilities will be covered. Students will learn and apply evidence-based strategies including grouping arrangements, high-leverage practices, and support for literacy, math, and writing. Accommodations and modification of instructional materials will also be emphasized. Students will also gain knowledge about procedures used to identify children who may be at risk for learning or behavioral disabilities and will choose and administer assessment instruments appropriate to these populations. Field experience required. Offered spring each term. Three semester hours.

EDUC 489. Directed Readings - A supervised program of reading and research that provides for study of material not included in the regular course offerings. Offered as needed. One to three semester hours.

EDUC 490. Directed Studies - A program of readings and conferences that provides for individualized study. Offered as needed. One to three semester hours.

EDUC 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Offered as needed. One to three semester hours.

EDUC 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

EDUC 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

EDUC 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

ELECTRICAL ENGINEERING

EENG 201– Applied Electrical Theory I - An introduction to analog circuits with an emphasis on power circuits, transformers, operations amplifiers, and interfacing with sensors and digital systems. Primary points-of-focus are Direct Current concepts, DC circuits, Alternating Current concepts, AC circuits, 3-phase power, basic motor arrangements, basic generator arrangements, power distribution, transformers, power measurements, battery basics, solar power system basics, and electrical safety. Prerequisite: FENG 102 (or PHYS 204) and MATH 212. Offered fall term each year. Three semester hours.

EENG 202 Introduction to Digital Systems - Basic concepts in the design and analysis of digital systems. Emphasis will be placed on number systems and codes, combinational circuit analysis and design, introduction to sequential digital logic analysis, as well as, design and applications. Concepts will be implemented with discrete logic components and Programmable Logic Controllers. Offered spring term each year. Three semester hours.

EENG 221 Computer Programming - An introduction to all aspects of object-oriented logic and the problem-solving process. Several high level languages are used with concentration on good programming practices. Laboratory use of a computer is an integral part of the course. Offered spring term each year. Three semester hours.

EENG 301. Applied Electrical Theory II - A continuation of EENG 201. Topics include mesh analysis, amplifiers, second-order transient circuits, 3-phase systems, filters, and Fourier analysis. Construction, analysis and simulations of circuits will be performed. Prerequisite: EENG 201 and MATH 309. Offered fall term each year. Three semester hours.

EENG 312. Signals and Systeams - Fundamental theory for discrete-time and continuous-time signals and systems with a focus on linear time-invariant systems. Topics include Fourier series representation of signals, Fourier transform for both discrete-time and continuous-time signals, and frequency characterization. The course will also focus on sampling, Z-transforms, and Laplace transforms. Prerequisite: EENG 301 and FENG 301. Offered spring term each year. Three semester hours.

EENG 321. Computer Engineering I– An introduction to the basic organization and operation of computers, including logical structure, hardware components, machine and assembly language, and computer system performance. Topics include internal representation of information, instruction set architecture, instruction types and addressing techniques, computer arithmetic, memory systems, design and operation of the control unit, input/output devices and interfaces, assembly language and translation techniques, and modern architectural enhancements such as pipelining and multiprocessors.Prerequisites: EENG 221 and EENG 202. Offered fall term each year. Three semester hours.

EENG 322. Computer Engineering II - Exploration of the fundamentals of embedded system hardware and firmware design. The overall course objective is to provide the student with in-depth knowledge of embedded systems including overall system design, interfacing, operating systems, data acquisition, communication protocols, and real-time performance with an emphasis on design considerations such as cost, reliability, compatibility, and safety. A very popular microcontroller will be studied (Arduino). Students will utilize Arduino platform to design systems that support specific applications, such as analog-to-digital converters, polling applications, interrupt-driven applications, and mechatronics concepts. Prerequisite: EENG 321. Offered fall term each year. Three semester hours.

EENG 362. Microprocessor Applications - Theory and application of microprocessors in engineering design with emphasis on practical applications. Students will learn both software programming and hardware interfacing. Laboratories involve the design, construction, and programming of microcontroller-based projects. Prerequisites: EENG 201, EENG 202 and EENG221. Offered fall term each year. Three semester hours.

EENG 363. Analog Devices - Exploration of the theory of operation of discrete semiconductor devices and the design of circuits using these devices, including diodes, BJT and FET transistors, and integrated circuits. Laboratory sessions are held on alternate weeks. Prerequisite: EENG 301. Offered spring term each year. Three semester hours.

EENG 371. Power Systems - The main course goal is to provide students with a complete overview of interconnected power system analysis and design. At the completion of the course students should be able to develop appropriate models for an interconnected power system, and know how to perform power flow, short circuit and transient stability analysis. Students should also be able to write a basic power flow, short circuit and transient stability computer program.Prerequisite: EENG 301. Offered spring term each year. Three semester hours.

EENG 401. Electromagnetics - Exploration of electromagnetic phenomena for contemporary engineering applications. Emphasis on Maxwell's equations, transmission lines, and wireless technology. Selected

topics such as electrodynamics, fiber optics, bioelectro magnetics and effects in high-speed digital systems addressed as student interest and time permits. Vector calculus and alternative coordinate systems. Effects of material properties. Prerequisites: EENG 301. Offered spring term each year. Three semester hours.

EENG 411. Communication Systems - Study of analog and digital electronic communications systems and techniques. Topics include signals, noise, bandwidth, modulation, coding, transmitter versus receiver circuiting, wired versus wireless links, high-frequency devices, and specialized systems as student interest and time permits. Laboratory exercises include use of modulators, spectrum analyzer, and time domain reflectometer (TDR). Prerequisite: EENG 312. Offered spring term each year. Three semester hours.

EENG 431. Applied Electronics - Topics include transistor current sources for integrated circuit biasing, power supplies and voltage regulation, feedback and stability, oscillators, high frequency electronics, and electromagnetic compatibility. Design, construction, analysis, and simulations of circuits will be performed. Prerequisites: EENG 363. Offered fall term each year. Four semester hours.

EENG 461. Systems and Controls - Fundamental theory for feedback control of physical processes. Study includes transient and steady state frequency response, stability analysis, control modes, and simulation of control systems. Cross-listed as MENG 421. Prerequisites: FENG 301. Offered spring term each year. Three semester hours.

EENG 471 Applied Power and Controls – Hands-on investigation and design in the areas of electrical power generation, transmission, and distribution, three-phase power circuits, power system analysis, load flow, symmetrical components, fault currents, system protection, and stability. Power generation and distribution topics focus on modern issues concerning distributed generation, photo-voltaic installed in the low-voltage end-use systems and components of the typical distribution system. Large Wind Farms, Large Solar Farms and exporting the power. Architecture and programming of microcomputer systems and interfacing with peripherals. Modern and classical methods of control system analysis of continuous-time systems. Introduction to design tools. Power generation, transmission and end-use distribution; power management. Topics may include frequency control, distribution system voltage control, distributed power generation, power quality, and power system design & simulation. Prerequisites: EENG 371 and EENG 461. Offered spring term each year. Four semester hours.

EENG 481. Electrical Design Project I - The first of two senior capstone courses providing students with the opportunity to use, in an integrated manner, the knowledge and skills that have been acquired to this point in their education. This design course is devoted entirely to the research, planning, analysis and report writing required in the first phase of the senior design project. Teamwork is an integral part of the course. Prerequisite: Co-requisite with EENG 431, senior standing or permission of the instructor. Offered fall term each year. Three semester hours.

EENG 482. Electrical Design Project II - The second course devoted to senior design project activities. The lab course requires students to complete the design, experimentation, analysis, and communication components of their project. Teamwork is an integral part of the course. Prerequisite: EENG 481, co-requisite with EENG 471. Offered spring term each year. Three semester hours.

EENG 491. Internship - A practicum experience in which students work in a professional setting using engineering, math, and science skills from their major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 internship work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

EENG 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semesters. Prerequisite: permission of the instructor or major professor. Offered as needed. One to three semester hours.

EENG 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

EENG 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

EENG 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

ENGLISH

ENGL 164. The Fiction of C. S. Lewis - A close look at Lewis's fictional works, with some reference to his other writings. Offered fall term each year. Three semester hours.

ENGL 274. Film Criticism – A survey of the major approaches to film analysis. Students learn to write about film in a wide array of contexts. Films that illustrate concepts discussed in class are screened. Offered fall term odd years. Three semester hours.

ENGL 276. Writing for Stage and Screen – A workshop course in writing for film and the theatre. Students will learn the basic principles of dramatic writing, study examples of stage plays and screenplays, and create two original short scripts that will be produced in FILM 377, Intermediate Film and Video Production; or THEA 340, Fundamentals of Directing. Cross-listed as FILM 276 and THEA 276. Offered spring term odd years. Three credit hours.

ENGL 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.

ENGL 295/295M. Seminar - A seminar designed to promote discussion, research, and writing in areas not included in the regular course offerings. Topics vary from semester to semester. One to three semester hours.

ENGL 304. Haunted America - A study of America's haunted fiction, from Edgard Allan Poe and Nathaniel Hawthorne ot Shirley Jackson and Stephen King. Offered fall term even years. Three semester hours.

ENGL 305. Time and Trauma in Modern America - A study of the major authors of the twentieth century with special attention to modernism. Readings include novels, short fiction, drama, and poetry. Offered spring term odd years. Three semester hours.

ENGL 311. History and Grammar of the English Language - A team-taught study of the development of English and its contemporary usage. This course will provide an overview of the history of English from its Indo-European roots to contemporary English, examine the development of modern English grammar, and explore current usage. Offered spring term odd years. Three semester hours.

ENGL 312. Introduction to Linguistics - A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered fall term every third year. Three semester hours.

ENGL 324. Creative Writing - Workshop experience in creative writing as well as selected genre readings. Prerequisites: COMP 111 and 211 (or equivalent) and approval of the instructor. Offered spring term even years. Three semester hours.

ENGL 335. Editing and Style – A survey of the fundamentals of editing, style, and production in various media formats. Includes lab work with the *Stampede*. Prerequisite: COMM 105 or consent of instructor. Cross listed as JOUR 335. Offered spring term odd years. Three semester hours.

ENGL 350. Shakespeare in Conversation- A study of Shakespeare's major tragedies and comedies along with a selection of the histories and romances. This course will examine the historical background of the plays and also consider their enduring popularity. Offered spring term even years. Three semester hours.

ENGL 354/354B. Children's Literature - A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Not applicable towards an English major. ENGL 354 offered spring term each year. Three semester hours.

ENGL 360. Introduction to Literary Theory and Criticism - A survey of the theory and practice of literary criticism, designed to provide knowledge of the underpinnings of the discipline and a primary conversance with the major approaches. Cross listed as PHIL 360. Offered fall term even years. Three semester hours.

ENGL 361. From Blake to Brontë: Romanticism and its Legacy - A survey of English literature from the late 18th to mid-19th centuries, featuring the major Romantic poets and their contemporaries. Writers such as William Blake, William Wordsworth, John Keats, Emily Brontë, and Christina Rossetti will be considered in their dynamic and dramatic national, historical, and thematic contexts. Offered spring term odd years. Three semester hours.

ENGL 362. Race and American Culture - A study of fiction, film, and various forms of cultural expression from people of color in the United States. This course fulfills the ethnic studies course requirement in the general education core. Offered fall term odd years. Three semester hours.

ENGL 363. Arthurian Legends – An examination of a variety of Arthurian stories across a range of periods from the Middle Ages to the present day. This study explores the adaptability and continuing popularity of this story in diverse cultural contexts; readings will come from medieval romance, Victorian poetry, and contemporary novels and will be supplemented with artwork and film. Offered spring term odd years. Three semester hours.

ENGL 365. Literature by Women - How do women writers from a wealth of cultural backgrounds navigate issues of labor, creativity, and identity throughout the 19th and 20th centuries? The course grapples with this question while exploring the literary accomplishments of such writers as Jane Austen, Willa Cather, Virginia Woolf, Zora Neale Hurston, Elizabeth Bowen, Sui Sin Far, Elizabeth Bishop, and Alice Walker. Offered fall term even years. Three semester hours.

ENGL 370. Language, Justice, and Creation - A study of the relationship between American literature and the environment. The course focuses on canonical American texts, such as those by Thoreau and Emerson, as well as more specifically environmental texts by Muir, Leopold, and Carson. Special attention is given to environmental writing of Appalachia, including works by Fred Chappell and Hubert Skidmore. All the texts will be placed in dialogue with current literary theory, including ecocriticism and ecofeminism, and current Christian thinkers in the field. Offered fall semesters even years. Three semester hours.

ENGL 374. From Page to Screen: The Art of Adaptation – This course examines critical concerns surrounding the adaptation of literature into film. Students will study works of literature in conversation with corresponding film adaptations. Offered fall semester even years. Three semester hours.

ENGL 375. World Literature and Film – A study of literature amd film from non-Western traditions, ranging from the Caribbean to Japan, with focus on postcolonial and transnational perspectives. This course fulfills the ethnic studies course requirement in the general education core. Offered fall term odd years. Three semester hours.

ENGL 380/380M. What is Love? Literature and Relationships - A survey of short stories and works of non-fiction that seek to answer this eternal question. EDUC 380 or 380M offered fall term odd years. Three semester hours.

ENGL 404/404M. Fiction, Fear, and Fantasy: British Literature at the Fin de Siècle - The final decade of the nineteenth century, termed "fin de siècle," is a dynamic and complex period in British literature. In popular fiction, fantasies about Self and Other play out against the backdrop of changing views about nationality, sexuality, and humanity. Authors studied include Robert Louis Stevenson, Oscar Wilde, Bram Stoker, Joseph Conrad, and a number of "New Woman" writers, including Mabel E. Wotton and Ada Radford. Their canonical and non-canonical texts will be studied within the context of this explosive and colorful turn-of-the-century moment. This seminar offers the opportunity to read deeply and critically in the 1890s and thereabouts and offers an opportunity for students to work within critical specialties of their choosing. Students will develop independent research projects that cumulate in formal presentations, visual aids, and seminar papers. EDUC 404 or 404M offered alternating spring semesters. Three semester hours.

ENGL 411. Staging the Body - A study of significant works of poetry and drama in the twentieth and twenty-first centuries, including American, English, and post-colonial writers. Offered spring term even years. Three semester hours.

ENGL 414. British Fiction of the Twentieth Century - A study of major British writers in the Twentieth Century, such as A. S. Byatt, Joseph Conrad, E. M. Forster, Graham Greene, James Joyce, D. H. Lawrence, Katherine Mansfield, Iris Murdoch, and Virginia Woolf. Offered spring term odd years. Three semester hours.

ENGL 430. Medieval Literature - A study of English literature of the Middle Ages, beginning with *Beowulf* and concluding with Malory's *Le Morte d'Arthur*. Readings will cover major authors and genres with selections from Chaucer, Gower, Langland, *Sir Gawain and the Green Knight*, and *The Book of Margery Kempe* and will provide historical context for these selections. Offered fall term odd years. Three semester hours.

ENGL 432. Foundations of Creative Nonfiction – An exploration of genres of literature that are fact-based and grounded in real-world experience, but written in inventive or literary forms, including memoir, personal essays, and literary or narrative journalism. This course studies creative nonfiction by reading early prototypes and then concentrating on significant works from the 20th and early 21st centuries. Students will engage in extensive readings, class discussions, and writing in a creative nonfiction genre. Required for Multimedia Journalism majors. Cross listed as JOUR 432. Prerequisite: COMM 105 or consent of instructor. Offered spring term odd years. Three semester hours.

ENGL 435. Victorian Voices - A study of the unprecedented changes, fascinating contradictions, and multiple crises of identity in the long nineteenth century. This exciting period of history is approached by reading the masterpieces of some of the most beloved novelists, or "voices" of the age, including Charles Dickens, Charlotte Brontë, George Eliot, and Thomas Hardy. Offered spring term even years. Three semester hours.

ENGL 440. Genre Studies – A study of the development of popular genres in literature and film with attention to historical context and current critical issues. Genres examined may include Westerns, mystery, science fiction, and/or fantasy. Offered fall term even years. Three semester hours.

ENGL 450. Cultural Studies – A study of the major figures and works in the field of literary theory. This course will continue to build upon principles introduced in ENGL 360. Prerequisite: ENGL 360 or permission of instructor. Cross listed as PHIL 450. Offered spring term odd years. Three semester hours.

ENGL 460. Chaucer - A study of the major works of Geoffrey Chaucer, grounded in an understanding of his cultural context. Readings will primarily come from *The Canterbury Tales* and *Troilus and Criseyde*, supplemented with selections from Chaucer's continental sources and English contemporaries and successors. Offered fall term even years. Three semester hours.

ENGL 462. Literature of the English Renaissance - A study of the major English writers from 1500 – 1660, including More, Sidney, Spenser, Donne, Herbert, and Milton. The course focuses primarily on poetry, as well as prose essays and drama; it carefully considers how these writers respond to the major theological and political debates of the period. Offered spring term even years. Three semester hours.

ENGL 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

ENGL 490. Directed Studies – An individualized program of reading, writing, editing, and conferences in which the student will develop a significant writing project. Student may choose to focus on a creative project or a research-based textual analysis and will develop a project in consultation with an English professor. Required to complete the major. Three semester hours.

ENGL 492. Phoenix Editor Internship – The *Phoenix* is the University's interdisciplinary showcase for research, art, and writing. This paid internship requires editorial, marketing, design, and publishing skills. The editor must call for submissions, draft copy, advertise, and work in collaboration with the graphic design area. The publication is released in April. Limited to two positions per spring semester. Interested students must apply and interview with the English faculty. Offered spring term each year. One semester hour.

ENGL 495/495M. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ENGL 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

ENGL 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

ENGL 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.hours.

EXERCISE SCIENCE

EXSC 101/101M. Fitness for Life - A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness and fitness, following a holistic approach. The development and implementation of a personalized fitness program are included. Offered every term. One semester hour.

EXSC 104. Swimming - A course designed for students with differing levels of swimming skills. American Red Cross methods and skills are emphasized. Students will learn aquatics skills, swimming strokes, and life saving skills. Concepts related to competitive swimming are included. A student majoring in exercise science may take a proficiency exam to receive credit for this course. Offered fall term each year. One semester hour.

EXSC 105. Lifeguarding - A course designed for students who are strong swimmers and proficient in basic swimming strokes. American Red Cross certification is available. Special fee. Offered spring semester every year. One occasionally.

EXSC 108. Folk Dance and Rhythmical Activities - A study of rhythmical exercises, elementary steps, and folk dances of various countries. Clogging, contras, square, and round dances are included. Offered every term. One semester hour.

EXSC 110. Hiking – An activity course designed to introduce students to the nature and benefits of hiking in the southern Appalachian Mountains. In addition to hiking itself, attention is given to safety and equipment. Offered occasionally. One semester hour.

EXSC 112. Resistance Training – An introductory course involving participation in various resistance training exercise techniques. Free weights, variable resistance machines, calisthenics, plyometrics, and other techniques and equipment may be included. Offered occasionally. One semester hour.

EXSC 114. Water Exercise – An introductory course involving participation in various water-based exercise. Muscular endurance, cardiovascular endurance, and flexibility will be addressed. Both shallow and deep water exercise may be included. Offered occasionally. One semester hour.

EXSC 116. Flexibility and Strength – An introductory course involving participation in stretching and strengthening exercises based on the physical aspects of the discipline of yoga. Students will learn the connection between exercise and controlling stress, body awareness, immune function, posture, and slowing the effects of aging. Offered occasionally. One semester hour.

EXSC 118. Walking/Running – An introductory course designed to develop knowledge, safety measures, and skills in walking, jogging, and running for the purpose of improving or maintaining cardiovascular fitness. Offered occasionally. One semester hour.

EXSC 120 (A, B, and C). Ballroom/Latin Dancing - An introductory course in Ballroom and Latin dancing. Focus will be on aspects of partnership, movement as a couple, technique of various dances and awareness of music type needed for the different dances. This will be an holistic approach to movement, relationship, musical appreciation, and overall psychological well-being. Basic steps in Waltz, Rumba, Cha Cha, Swing, and Salsa will be covered. Students will have a solid foundation for any future endeavors in partnership dance. Offered occasionally. One semester hour.

Elective credit in intercollegiate athletic courses will not exceed four semester hours. Enrollment in EXSC 122 – 134 is open only to intercollegiate athletes.

EXSC 122. Intercollegiate Men's Basketball – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 123. Intercollegiate Women's Basketball – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 124. Intercollegiate Cheer/Dance - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 125. Intercollegiate Cross Country/Track & Field – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 126. Intercollegiate Cycling – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 127. Intercollegiate Golf – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 128. Intercollegiate Men's Soccer – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 129. Intercollegiate Women's Soccer – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 130. Intercollegiate Softball – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 131. Intercollegiate Swimming – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 132. Intercollegiate Tennis – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 133. Intercollegiate Volleyball – This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 134. Intercollegiate Baseball - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 135. Intercollegiate Triathlon - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 136. Intercollegiate Esports - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 137. Intercollegiate Flag Football - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 138. Intercollegiate Bowling - This course provides credit for participation in training sessions, practices, games, and other team activities for student-athletes. The course may be taken up to four times for elective credit. Grading is pass/fail. Offered every term. One semester hour.

EXSC 153. Golf and Pickleball - An introduction to basic strokes and skills necessary for active participation in golf and pickle ball, including game competition and the application of official rules. Offered occasionally. One semester hour.

EXSC 155. Beginning Badminton and Tennis - An introduction to basic strokes, skills, and game competition for beginning students in each of these lifetime sports. Offered occasionally. One semester hour.

EXSC 156. Intermediate Badminton and Tennis - A course focusing on the skills and techniques of play for those beyond the level of beginners. Offered spring term each year. One semester hour.

EXSC 158 (A, B, and C). Snow Skiing - Instruction at a nearby ski resort. The class and instruction is divided according to level of skill--beginner, intermediate, or advanced. The course may be repeated up to two times as the student and instructions become more advanced. Special fee. Transportation not provided. Offered occasionally. One semester hour.

EXSC 159 (A, B, and C). Horseback Riding - Instruction at a nearby stables on gaited horses and English tack for beginner, intermediate, or advanced riders. The course may be repeated up to two times as the student and instructions become more advanced. Special fee. Transportation not provided. Offered occasionally. One semester hour.

EXSC 162. Aerobic Fitness - Active participation involving but not limited to work with stability ball training, water and land aerobics, kettle ball workouts, spinning, power stick activities, and workout bands. Offered every term. One semester hour.

EXSC 164. Zumba – An introductory course involving general aerobic movements, dance, and stretching and toning exercises. Emphasis is placed on adapting these skills to the participant's ability levels, while incorporating current styles and practices with regard to movement forms. All ability levels are welcome; the level of intensity of the workout varies for each individual and is controlled by the participant. Offered occasionally. One semester hour.

EXSC 170. The Alexander Technique – An introduction to The Alexander Technique, a method of educating the body toward efficient use of the whole self through verbal, visual, and hands-on skills. May be repeated. Cross-listed as MUSC 170 and THEA 170. Offered as needed. One semester hour.

EXSC 181. CPR for the Professional Rescuer - A study of infant, child, and two-person adult CPR. This course does not fulfill the Exercise Science activity general education requirement. Special fee. Offered occasionally. One semester hour.

EXSC 201. Foundations and Legal Issues in Physical Education – An introduction to the field of physical education, including history, current trends, and legal considerations involving the practice of physical education. Offered fall term each year. Three semester hours.

EXSC 208. Principles of Training: Speed & Strength – A study of speed and strength training principles focusing on practical application. Biomechanics, physiology, training techniques, and program design for athletic performance, general fitness, and recreation will be discussed. Offered every fall semester. Three semester hours.

EXSC 260. Sport Psychology - An overview of the psychological factors affecting behavior in exercise and sport settings. The course examines the major topics in sport psychology, including personality, motivation, arousal, imagery, goal setting, and burnout. The goal is that students would be able to apply this knowledge to instructional, training, and rehabilitation

settings. Cross-listed as PSYC 260. Offered spring term. Three semester hours.

EXSC 270. The Science of Athletic Performance - A course designed for non-EXSC majors who are considering coaching, providing an overview of nutritional, physiological, and biomechanical considerations. Topics are presented in the context of their impact on training, conditioning, and athletic performance. Offered occasionally. Two semester hours.

EXSC 271. Foundations of Wellness - A study of mental, physical, and spiritual dimensions of wellness with an emphasis on exercise and nutrition. Includes nutritional analysis and exercise prescription. Offered spring term each year. Three semester hours

EXSC 302a. Coaching and Officiating Track and Field - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating track and field. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302b. Coaching and Officiating Basketball - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating basketball. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302c. Coaching and Officiating Swimming - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating swimming. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302d. Coaching and Officiating Softball and Baseball - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating softball and baseball. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302e. Coaching and Officiating Volleyball - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating volleyball. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302f. Coaching and Officiating Soccer - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating soccer. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302g. Coaching and Officiating Golf - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating golf. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 302h. Coaching and Officiating Tennis - A study of coaching techniques, conditioning, skills, and strategies to prepare the student for coaching and officiating tennis. Knowledge of the rules and regulations is included. Offered occasionally. Two semester hours.

EXSC 307. Recreational Leadership and Outdoor Education - A study of the administration and leadership of recreational activities and outdoor educational pursuits. The course includes experience in such activities as camping, hiking, mountain climbing, and orienteering with limited practical application. Special fee. Offered fall term each year. Two semester hours.

EXSC 308. Measurement and Evaluation - A focus on the development of the knowledge, skills, and procedures necessary for testing and evaluating different populations in school, laboratory, or field settings. It is recommended that a student complete Mathematics 213 prior to enrollment in this course. Offered every term. Three semester hours.

EXSC 309. Sport Injuries - A course designed to familiarize the student with recognition and management of injuries related to sport participation. Also covered are aspects of sport medicine, conditioning, strength training, nutrition, and protective equipment. Offered spring term each year. Three semester hours.

EXSC 322. Coaching for Character – An investigation of the various dimensions of character development in athletics. Students explore philosophical foundations of character-driven coaching as well as observe, experience, and lead athletic activities designed with a character-development component. Offered occasionally. Two semester hours.

EXSC 325/325M. Sport Communication – An introductory course providing students with a basic understanding of sport communication and its role in the sport industry. Careers in sport communication will be discussed as well as issues related to history, theories, mass media, public relations, advertising, and legal issues. EDUC 325 or 325M offered fall term. Two semester hours.

EXSC 333. Human Nutrition - A more advanced study of basic nutrition concepts, building on content covered in EXSC 101 Fitness for Life and EXSC 271 Foundations of Wellness. Nutrients and their requirements, sources, digestions, and roles in body function are covered with concentration on their relation to exercise and athletics. Offered fall term. Three semester hours.

EXSC 341. Exercise Physiology - A study of the physiological and biochemical responses of the human body to exercise. The basic concepts of physiology are applied to sport performance, personal wellness, and aging. Offered fall term each year. Four semester hours.

EXSC 352. Kinesiology and Biomechanics - An introduction to the study of the internal and external forces which act on the human body and the effects these forces produce, with special concentration on the musculo-skeletal system, its development, and its involvement during movement. This course fulfills one four-hour laboratory science requirement in the GER. Offered spring term each year. Four semester hours.

EXSC 382/382M. Sport Marketing - A course designed to provide students with an in-depth knowledge of the strategies and techniques used when promoting and marketing sports. Students will develop promotional strategies associated with real life sport organizations in an effort to understand the unique marketing needs of the sport product. Prerequisite BADM 210. Cross-listed as BADM 382. EDUC 382 or 382M offered spring term each year. Two semester hours.

EXSC 383. Sport Finance – A course designed to provide the student with an understanding of various aspects of sport finance including financial budget, analysis, management, and planning. Internal development through fund raising in both the sport and recreation industries will also be covered. Application of course material will be emphasized through project based assignments. Prerequisite BADM 210. Cross-listed as BADM 383. Offered fall term each year. Two semester hours.

EXSC 384/384M. Sport Facilities - A course designed to provide the student with an understanding of the various techniques/theories of sport facility management and design. This course will include traditional classroom presentations, various assigned readings, and facility tours. Prereq: BADM 210. Cross-listed as BADM 384. EDUC 384 or 384M offered spring term. Two semester hours.

EXSC 386. Sport Law and Ethics - An overview of legal and ethical issues encountered in both amateur and professional sports in the areas of contracts, torts, antitrust, labor, and agency law. Students explore both the legal and ethical dimensions of contemporary issues in sport while considering relevant case law, statutory law, and scripture. Cross listed as BADM 386. Offered fall term odd years. Two semester hours.

EXSC 401. Research Methods - An investigation of research techniques and methods used in various types of research and an introduction to science-based databases, culminating in the presentation of a research

proposal. Prerequisite: EXSC 308 or permission of instructor. Offered spring term. Three semester hours.

EXSC 404/404M. Organization and Management of Physical Education and Sport - A study of school problems, including curriculum development; program organization and supervision; and school, amateur, and professional sports. EXSC 404 or 404M offered spring term each year. Three semester hours.

EXSC 405. Motor Behavior – A study of motor control, motor growth and development, and motor learning. Classical and current theories and laws will be presented. Practical application of these principles will be included especially as related to movement and skill development. Offered occasionally. Two semester hours.

EXSC 406. Adapted Physical Education - A study of normal and abnormal growth and development of persons with disabilities. Teaching techniques, programs, and services for each disability are presented. Practical experience is expected as part of the course. Offered occasionally. Two semester hours.

E**XSC 433. Sport Nutrition** - A continuation of study in nutrition, building on the basic nutritional concepts covered in EXSC 333 focusing on special needs and concerns relevant to the training, competing, and active individual. EXSC 333 is recommended, but not a prerequisite. Offered spring term each year. Two semester hours.

EXSC 436. Exercise in Health and Disease - A study of the relationship of exercise to the components of wellness and healthy lifestyles, including an in-depth look at the interrelationship of exercise with coronary heart disease, obesity, and nutrition. Exercise prescription for the healthy and diseased is explored. Prerequisite: EXSC 341 or permission of instructor. Offered fall term each year. Three semester hours.

EXSC 440. Health and Physical Education Methods - Reading, discussion, and application of fitness and health concerns of children, Kindergarten through Grade Eight. The course includes instruction and practice related to physical activity and rhythmical activities. Concentration is on integration of health and physical education topics and activities into the school curriculum, grades K-8. Enrollment is limited to students admitted to the professional level of the teacher education program. Not for Exercise Science majors. Offered spring term each year. Two semester hours.

EXSC 440B. Health and Physical Education Methods - Reading, discussion, and application of fitness and health concerns of children. Kindergarten through Grade Eight. The course includes instruction and practice related to physical activity and rhythmical activities. Concentration is on integration of health and physical education topics and activities into the school curriculum, grades K-8. Not for Exercise Science majors. Two semester hours.

EXSC 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. Faculty tutorial required. One to three semester hours.

EXSC 490. Directed Studies - A program of readings and conferences which provides for individualized study. Faculty tutorial required. One to three semester hours.

EXSC 491. Field Work - A practicum experience that involves the student in a position of supervising/teaching/leading individuals in a school, community, wellness center, or hospital setting. Credit hours are based on work hours during the semester with one credit hour assigned for each 25 work hours.Offered every term. One to six semester hours.

EXSC 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Not offered every year. One to three semester hours.

EXSC 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

EXSC 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

EXSC 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

FILM

FILM 170. Religion and the Movies - An examination of the ways religious faith has been depicted and expressed in motion pictures from different parts of the world. While the primary focus will be on American movies and Christianity, the course also looks at other faith traditions and how those believers have interacted with cinema. Class time will be spent watching and discussing films from a variety of countries and religions. This course fulfills the **ethnic studies** course requirement in the general education core. Offered occasionally. Three semester hours.

FILM 271. World Cinema - A survey of international narrative cinema, from the silent period to the present. Individual films, filmmakers, film movements, and film genres will be studied, and important films from the respective periods will be screened in whole or part. This course fulfills the **ethnic studies** course requirement in the general education core. Offered every semester. Three semester hours.

FILM 276. Writing for Stage and Screen – A workshop course in writing for film and the theatre. Students will learn the basic principles of dramatic writing, study examples of stage plays and screenplays, and create two original short scripts that will be produced in FILM 377, Intermediate Film and Video Production; or THEA 340, Fundamentals of Directing. Cross-listed as ENGL 276 and THEA 276. Offered spring term odd years. Three semester hours.

FILM 277. Basic Film and Video Production – An introduction to single-camera motion picture production and the basic aesthetic principles used in the shooting and editing of short narrative, documentary, journalistic, instructional, and personal films for festivals, television news, YouTube, personal websites, or commercial websites. Offered every semester. Three credit hours.

FILM 372. History of Documentary Film - A survey of international non-fiction filmmaking from the silent period to the present, with a focus on individual documentary films, documentary filmmakers, documentary movements, and documentary genres. Class screenings will introduce students to important and relevant examples of nonfiction cinema. Cross-listed as HIST 372. Offered spring term even years. Three semester hours.

FILM 373. History of Animated Film - An historical overview of motion picture animation, from the silent period to the present. Various animation techniques, animation styles, and animation artists are studied, and key examples of animated films from around the world are screened in class. This course fulfills the **ethnic studies** course requirement in the general education core. Offered spring term odd years. Three semester hours.

FILM 377. Intermediate Film and Video Production – Further exploration of single-camera motion picture production, with special emphasis on directing, cinematography, *mise en scène*, lighting, and dual system audio recording. Each student will be required to produce a short film for festival competition using a script he or she wrote in ENGL/FILM/THEA 276, Writing for Stage and Screen. Prerequisites: ENGL/FILM/THEA 276, Writing for Stage and Screen; and FILM 277,

Basic Film and Video Production. Offered fall term each year. Three semester hours.

FILM 477. Advanced Film and Video Production – A capstone course in screenwriting, directing, and producing a short film for their portfolio. Students are required to enter the film produced in this course in multiple student film festival competitions. Prerequisite: FILM 377, Intermediate Film and Video Production. Offered fall term each year. Three credit hours.

FRENCH

FREN 111-112. Elementary French - A proficiency-oriented introductory course emphasizing oral communicative skills, including the essentials of grammar, practical vocabulary, and basic reading and writing skills within a cultural context. Three class periods and one laboratory period per week. FREN 111 is offered fall term each year; FREN 112 is offered spring term each year. Three semester hours each.

FREN 211-212. Intermediate French - A proficiency-oriented intermediate course consisting of a review of elementary skills and an integrated development of more complex listening, speaking, reading and writing skills. Cultural and literary readings serve as a basis for class discussion and written compositions. Three class periods and one laboratory period per week. Pre-requisite: FREN 112 or equivalent. FREN 211 is offered fall term each year; FREN 212 is offered spring term each year. Three semester hours each.

FREN 301-302. Advanced Conversation and Composition - Intensive practice in the oral and written language with concentration on vocabulary, syntax, and culture necessary for communication. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. French 301 offered fall term and French 302 offered spring term every three years (based on student demand). Three semester hours each semester.

FREN 311. Survey of French Literature I - A study of the major works of French literature from the Middle Ages through the Eighteenth Century. Selections from a variety of authors and genres are read. Readings and discussions are in French. Prerequisites: French 211 and 212 or equivalent. Offered fall term every three years (based on student demand). Three semester hours.

FREN 312. Survey of French Literature II - A study of the major works in French literature from the Nineteenth and Twentieth centuries. Selections from a variety of authors and genres are read. Readings and discussions are in French. Prerequisites: French 211 and 212 or equivalent. Offered spring term every three years (based on student demand). Three semester hours.

FREN 401. French Civilization and Culture I - An overview of French civilization and culture from prehistoric times to the present. Topics include geography, history, philosophy, art, and music. Readings, class discussion, and reports are in French. Prerequisites: French 211-212 or equivalent. Offered every three years (based on student demand). Three semester hours.

FREN 402. French Civilization and Culture II - A cultural study of contemporary French society. Topics include family, religion, education, government, economy, and structure of society. Readings, class discussion, and reports are in French. Prerequisites: French 211-212 or equivalent. Offered every three years (based on student demand). Three semester hours.

FREN 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. Available on demand. One to three semester hours.

FREN 490. Directed Studies - A program of readings and conferences which provides for individualized study. Available on demand. One to three semester hours.

FREN 495. Seminar - A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. Available on demand. One to three semester hours per semester.

FREN 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

FREN 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

FREN 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

FUNDAMENTALS OF ENGINEERING

FENG 101. Introduction to Engineering - An introduction to the various disciplines of engineering, the types of careers engineers pursue, and the broad range of engineering training. Emphasis will include Christian perspectives on purpose, integrity, discernment, and service as they relate to the vocation of engineering. The course is structured to demonstrate the working environment of engineers promoting professionalism and career skills. Direct examples of job functions of practicing engineers will be included. This is the first engineering course and it is required of all students considering engineering as a major. Offered fall term each year. One semester hour.

FENG 102. Engineering Fundamentals – This course focuses on what engineers do and how they do it. It is an investigation of engineering disciplines as well as engineering investigation and analysis methodologies. The course focuses on problem analysis and solution development including foundational material in the following subjects.

1) Problem definition, solution, and presentation
2) Systems of units and measurements
3) Drawing, drafting, and visual representation of abstract and physical objects
4) Design of systems including hands-on realization and working in teams
5) Computational analysis, estimating, detailed analysis, and modeling
6) Structured computer programming
7) Introduction to mechatronics and system control
8) Ethics and professionalism

This course is structured to build skills and knowledge related to engineering tools; such as, computer aided design and drafting (AutoCAD), problem solving with spreadsheet calculations and models (Excel), presentation and information exchange tools (Microsoft Office Suite), structured programming tools, systems of units and unit conversions. Offered spring term each year. Prerequisite: MATH 211. Three semester hours.

FENG 301. Applied Math and Programming for Engineers - This course targets a wide range of mathematical solution methods and techniques engineers use to analyze and solve problems. Four primary areas of focus are targeted. First, Engineering Economics is addressed. This includes topics such as economic decision making, economic time value analysis, cash flow, cost-benefit, cost estimating, and life-cycle cost analysis. Second, Probability and Statistics is addressed from an engineering viewpoint. This section includes topics such as random variables, data distribution, conditional probability, applied probability, and statistical data analysis. Third, Special Topics in Partial Differential Equations, such as, LaPlace Transforms and separation of variables. Fourth, Numerical

Methods will be addressed. This primarily focuses on computer solutions and finite element analysis. Prerequisite: FENG 102, MATH 309. Offered fall term each year. Three semester hours.

FENG 491. Internship - A practicum experience in which students work in a professional settings using engineering, math, and science skills from their major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 internship work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

FENG 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semesters. Prerequisite: permission of the instructor or major professor. Offered as needed. One to three semester hours.

FENG 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

FENG 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

FENG 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Prerequisite: consent of major professor. Offered every semester as needed. One semester hour.

GENERAL SCIENCE

GNSC 101/101M. Science in Your World - An introductory general science course which focuses upon the practice of science and how consumers can make informed decisions about science as it impacts their world. GNSC 101 offered spring term even years. GNSC 101M offered as needed. Two semester hours.

GNSC 130. Plants and Society - This course is designed to instill a greater appreciation of the botanical world. This course covers basic principles of botany, but more strongly emphasizes the cultural, historical, economic, and practical impacts that plants bring to modern society. Labs will be conducted both indoors and outdoors. Offered fall term even years. Three hours lecture and one three-hour lab weekly. Four semester hours.

GNSC 131. Environmental Science - An introductory course which examines the intersection of humans with the planet earth. Dynamics surveyed include ecosystems, population biology, biodiversity, food production, geological resources, climate, pollution, and energy resources. Offered fall term odd years. Three hours lecture weekly. Three semester hours.

GNSC 301. Critical Thinking in the Sciences - An exploration of the application of critical reasoning strategies to standardized test questions as found on professional exams (such as the GRE, MCAT, PCAT, DAT, etc.). After reviewing content in biology, general chemistry, and organic chemistry, students will utilize a critical thinking approach to answer practice questions. Review of the way the practice questions were structured as well as the answer choices will reinforce how the critical thinking process could/should be applied to arrive at the correct answer. Offered spring semester every year. One semester hour.

GNSC 350. Basic Applications of Scientific Principles - A course focusing upon the understanding of scientific principles and the modeling of scientific principles in a variety of situations. Not applicable to a major or minor in either biology or chemistry. Offered fall term each year. Two semester hours.

GNSC 350B. Basic Applications of Scientific Principles - A course focusing upon the understanding of scientific principles and the modeling of scientific principles in a variety of situations. Offered fifth term. Two semester hours.

GEOGRAPHY

GEOG 202/202M. Cultural and Ethnic Geography - An introduction to world/human geography emphasizing human geographic diversity and unity, space economy, functional organization, and human/environmental impacts. The content includes the study of population, language, religion, folk and popular culture, economic activity, and human impact on natural systems. This course fulfills the **ethnic studies** course requirement in the general education core. GEOG 202 or 202M offered every term. Three semester hours.

GERMAN

GERM 111-112. Elementary German - The pronunciation and writing systems, dialogs and exercises for oral mastery of basic vocabulary and structural patterns, basic conversation, reading and written composition. GERM 111 and 112 offered fall term each year. Total of six semester hours.

GERM 211-212. Intermediate German - Continued conversational practice, including discussion of timely topics based on readings from modern German literature and contemporary periodicals; writing practice and some grammar review. GERM 211 and 212 offered spring term each year. Total of six semester hours.

GERM 489. Directed Readings - A supervised program of readings, which provides for study of material not included in the regular course offerings. Offered by individual arrangement with the professor. One to three semester hours.

GERM 490. Directed Studies - A program of readings and conferences, which provides for individualized study. Offered by individual arrangement with the instructor. One to three semester hours.

GRAPHIC DESIGN

GRDS 250. History of Graphic Design – A course that details the history of visual communication from prehistoric times to the digital age. The course examines innovations in technology and communication as well as artistic and stylistic movements and their lasting impact on the field. Content will also focus on specific designers, their work, and their historical influence. Offered fall term each year. Three semester hours.

GRDS 256. Introduction to Graphic Design and Visual Communication – A graphic design course for beginners which introduces the student to the fundamental principles of design and how they relate to visual communication. A study of design principles, theories, and skills as applied to multiple media, with an emphasis on conceptual thinking and creative problem-solving. Practical techniques will be learned from conception to finished product. Students will complete projects using industry-leading vector-based and pixel-based design software applications. Offered fall term each year and spring term odd years. Three semester hours.

GRDS 313. Publication Design – An introductory graphic design course for beginners designed to give students practice and experience with using industry-leading design and layout software to create professional-looking design work for different types of media. Projects will include design for print and online advertising, identity and branding design, and editorial and magazine layout and design. A study of design principles, theories, and

skills as applied to multiple media, with an emphasis on conceptual thinking and creative problem-solving. Practical techniques will be learned from conception to finished product. Offered spring term each year. Three semester hours.

GRDS 320. Pixel-based Design and Imagery – A course focusing on image creation for visual communication design, illustration, visual storytelling, photography, or digital-based visual art using industry-leading pixel-based software applications. Students will continue to develop their individual creative process, and build skills in image creation, compositing, editing, enhancement, retouching, and manipulation. Prerequisites: GRDS 256 and ART 287, or consent of instructor. Offered spring term odd years. Three semester hours.

GRDS 330. Typography – An intermediate course studying the design, history, and fundamentals of using letterforms and typography as applied to graphic design and visual communication. Design projects will cover the principles of typography as an essential skill for a graphic designer. Students will build skills in typeface choice and application, creation, manipulation, and building a hierarchy of information. Prerequisites: GRDS 256 or consent of instructor. Offered spring term even years. Three semester hours.

GRDS 456. Advanced Graphic Design and Branding – An advanced course that continues the study of design concepts and techniques for visual communication. Students will work at a higher skill level with design software applications. Projects will be more complex and geared toward developing a high level of visual problem-solving and toward assembling work for the student's final design portfolio. The course will focus on identity design and branding, the student's personal branding, package design, the preparation and design of a résumé, the presentation of ideas and concepts to clients, and preparation for interviews with potential employers. Prerequisites: GRDS 256 and GRDS 313, or consent of the instructor. Offered fall term each year. Three semester hours.

GRDS 482. Graphic Design Lab – A guided studies course in which students may receive course credit for advanced readings and special on-campus projects in graphic design. Prerequisite: consent of instructor. Course offering to be announced. One to three semester hours.

GRDS 490. Directed Study – A course which allows directed study and individualized instruction in graphic design under the supervision of the graphic design professor. The directed study may focus on projects assigned by the graphic design professor, or self-driven work explored by the student and approved by the graphic design professor. Offered every term. Student may repeat as necessary to accumulate credit hours. Prerequisites GRDS 456. One to three semester hours.

GRDS 491. Internship – A practicum experience in which students work in a professional setting using visual communication design skills from major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Offered every term. Prerequisite: senior standing or consent of instructor. One to three semester hours.

GRDS 494. Graphic Design Showcase Exhibit. – A course designed to give graduating seniors an opportunity to present an exhibition of their portfolio of work in an art gallery setting, virtual gallery, or other venue or public event approved by the graphic design professor. The course also allows additional directed study and individualized instruction. Required of all students with a graphic design major. The program is under the supervision of the graphic design professor. Offered every term. One semester hour.

GREEK

GREE 111-112. Elementary Greek - A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Selected readings in New Testament literature are included in the second semester. Greek 111 offered fall term each year; Greek 112 offered spring term each year. Three semester hours each semester. Students must pass GREE 111 before enrolling in GREE 112.

GREE 221-222. Intermediate Greek - The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and an introduction to textual criticism. Greek 221 offered fall term each year; Greek 222 offered spring term each year. Three semester hours each semester.

Students must pass GREE 112 before enrolling in GREE 221.
Students must pass GREE 221 before enrolling in GREE 222.

GREE 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

GREE 331. Advanced Greek Exegesis - The study and practice of exegetical methodologies for interpreting the Greek New Testament, with concentration on their uses in teaching and preaching. Offered fall term as needed. Three semester hours.

GREE 332. Advanced Greek Readings - Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Offered spring term as needed. Three semester hours.

GREE 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

GREE 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

GREE 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour

HEBREW

HEBR 111-112. Elementary Biblical Hebrew - A study of the elements of biblical Hebrew, with an emphasis on vocabulary, verbal morphology, and basic grammar. Selected readings from the Hebrew Bible are included in the second semester. Offered fall and spring terms in periodic years. Three hours each semester.

HEBR 211-212. Intermediate Biblical Hebrew - A study of biblical Hebrew emphasizing grammar and syntax, with concentration on achieving facility in reading the Hebrew Bible. Some attention is given to the use of textual critical apparatus. Offered fall and spring terms in periodic years. Three hours each semester.

HISTORY

HIST 208. History of the Jews since A.D. 70 - A social, cultural, theological, and political study of the Jewish people in the last two millennia. The course examines the influence and victimization of the Jews in Diaspora, giving special attention to such issues as the development of sacred texts; the rise of Christian-anti-Semitism; ghettoization and Enlightenment of European Jewry; the development of Hassidic, Reform, Conservative and Reconstruction Judaism; philo-Semitism; political anti-Semitism; Zionism; the Holocaust; the establishment and maintenance of

the State of Israel; and dispensationalism. Part of a three-year cycle in European history, this course will be offered in spring term of 2015. The course fulfills the **ethnic studies** requirement in the general education core. Three semester hours.

HIST 209. United States History Survey I - A study of the history of the United States from the European encounter to the War Between the States. The course examines the growth of political institutions and the social and economic life of the people of the United States. Prerequisite: Humanities 101 and 102, or consent of instructor. Offered fall term each year. Three semester hours.

HIST 210. United States History Survey II - A study of the history of the United States from the War Between the States to the 1970s. The course examines the growth of political institutions and the social and economic life of the people of the United States. Prerequisite: Humanities 101 and 102, or consent of instructor. Offered spring term each year. Three semester hours.

HIST 250. Christ, Hitler, and Women: The German Church Struggle 1933-1945 - A study of the Nazi persecution of Catholic and Protestant Churches, with special concentration on the role of women in the Confessing Church. Part of a three-year cycle in European history. Three semester hours.

HIST 271. History of Christian Missions - A survey of the history and progress of missions since the beginning of Christianity. Offered only on demand. Three semester hours. Same as CMIN 271.

HIST 275. Selected Topics: The Stone-Campbell Movement - An examination of the Stone-Campbell heritage including both primary and secondary readings intended to help students understand the church tradition (the "Restoration Movement") that is linked to the history of Milligan University. Students may not apply this course to a major in Bible or history. Prerequisite: sophomore standing or consent of instructor. Offered fall term each year. One semester hour.

HIST 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

HIST 295. Seminar - A seminar designed to promote lectures, discussion, research, and writing at an introductory level in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HIST 323. Christian Thought in the Greco-Roman World - A course of readings in various representatives of the Christian tradition from the second through the fifth century, including Origen, Tertullian, Cyprian, Athanasius, Ambrose, and Augustine in their historical contexts. Special attention is given to the contributions of these thinkers to the development of the Christian tradition. This course may satisfy the Church history core elective for the Bible major. Prerequisites: HUMN 101-102 and 201-202, or consent of the instructor. Offered periodically. Three semester hours.

HIST 331. History of Modern Britain, 1688-Present - A diplomatic and cultural study of the British Isles since the Glorious Revolution of 1688. This course examines the remarkable British record of increasingly democratic constitutional reform that avoided the violence that shook the rest of Europe in the last three centuries. The study focuses special attention on the political, philosophical, and religious movements that have produced modern Britain. Prerequisites: HUMN 101, 102, 201, 202 or consent of the instructor. Part of a three-year cycle in European history. Three semester hours.

HIST 332. History of Modern France, 1789-Present - A diplomatic and cultural study of France since the Revolution of 1789. This course examines France's mercurial role as a Western power, and its vacillation between republicanism and autocracy through five republics and two empires. The course focuses special attention on the role of religion in the cultural and political life of the country. Prerequisite: HUMN 101-102 and 201-202 or consent of the instructor. Part of a three-year cycle in European history. Three semester hours.

HIST 333. History of Modern Germany, 1806-Present - A diplomatic and cultural study of Germany since the Congress of Vienna, this course examines Germany's rise from fragmentation within the Holy Roman Empire to its present role as an economic and cultural European giant. The study focuses special attention on the philosophical and religious movements that have shaped Germany's national character. Prerequisites: HUMN 101-102 and 201-202 or consent of the instructor. Part of a three-year cycle in European history. Three semester hours.

HIST 334. Issues in 20th Century Europe - A study of political, social, religious, and philosophical issues in Europe during the twentieth century. This course examines the continent's major political philosophies: Marxism, fascism, and democracy. It investigates the "isms" of the past century, among them nationalism, anti-Semitism, Zionism, and imperialism with their related issues of church/state relations, emigration, xenophobia, union, and an alleged "post-Christian" age. Class discussion ties current events to their historical antecedents. Prerequisites: HUMN 101-102 and 201-202 or instructor's permission. Part of a three-year cycle in European history. Three semester hours.

HIST 341-342. Church History - A study of the history of the church from its beginning to the present. The course examines the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisites: HUMN 101-102 and 201-202 or six hours of history and consent of instructor. HIST 341 offered fall term and HIST 342 offered spring term each year. Three semester hours each semester.

HIST 343. History of Biblical Interpretation - A survey of the history of hermeneutics and exegesis in the Christian tradition from the ancient through the modern periods. The course examines the various principles and methods adopted by theologians in their attempts to explain the meaning of the biblical text. The course emphasizes a program of readings in commentaries and homiletic literature representing different periods in the history of Christianity. This course may satisfy the Church history core elective for the Bible major. Prerequisites: HUMN 101-102 and 201-202 or consent of the instructor. Offered periodically. Three semester hours.

HIST 344. The Historical Jesus - A study of how scholars have attempted to develop historical reconstructions of the life of Jesus. This course will survey the progress of scholarly and popular treatment of the topic, the variety and nature of documents upon which historical reconstructions are based, and the major methods used to test historicity and evaluation of these methods. The relationship between historical reconstructions and the Jesus of faith will be considered. Offered spring term even years. Three semester hours.

HIST 345. History of Modern Theology – An investigation into how the Protestant and Roman Catholic theology unfolded in Europe and North America in the wake of the Enlightenment. This investigation begins in the late eighteenth century and terminates with theological trajectories that appeared in the middle of the twentieth century. Although due attention will be paid to the socio-political context of theology, the heart of the course is the close reading and interpretation of primary sources. Offered spring term alternate years. Three semester hours.

HIST 346. Medieval Theology: Monks, Mystics, and Masters – An exploration of the varied theological voices and traditions of the Middle Ages, defined as the millennium stretching from the sixth to the fifteenth century. It will examine the distinctive literary forms that medieval theology took and the matrices in which those forms developed. Attention will also be paid to the broader religious, social, and political contexts that shaped the form and content of medieval theology. Offered spring term alternate years. Three semester hours.

HIST 352. Reformations of the Sixteenth Century - A study of the religious and theological reform movements in sixteenth-century Europe. The course focuses on the various theologies of the period, exploring the meaning of the term "reformation" as it applies to the various religious movements: Lutheran, Reformed, Radical, and Catholic. This course may satisfy the Church history core elective for the Bible major. Prerequisite: HUMN 101-102 and 201-202, or six hours of European history, or consent of instructor. Offered periodically. Three semester hours.

HIST 372. History of Documentary Film - A survey of international non-fiction filmmaking from the silent period to the present, with a focus on individual documentary films, documentary filmmakers, documentary movements, and documentary genres. Class screenings introduce students to important and relevant examples of nonfiction cinema. Cross-listed as FILM 372. Offered spring term even years. Three semester hours.

HIST 376. Jefferson to Jackson - A study of the Early National Period of the United States from 1787 to the 1830s with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Prerequisites: HIST 209 and 210 or consent of instructor. Offered fall term alternate years. Three semester hours.

HIST 377. The Middle Period: 1840-1880 - A survey of the core years of the Nineteenth Century in the United States. At the center of the course of study are the American Civil War, its causes, character, and consequences. Prerequisites: HIST 209 and 210 or consent of instructor. Offered spring term alternate years. Three semester hours.

HIST 379. The Gilded Age: 1877-1920 - An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the impact of that industrialization on U.S. culture, economy, and politics. Prerequisites: HIST 209 and 210 or consent of instructor. Offered fall term alternate years. Three semester hours.

HIST 380. The Perils and Promise of Power: The United States in the Twentieth Century - An exploration of U. S. culture and society from World War I to the present. Prerequisites: HIST 209 and 210 or consent of instructor. Offered spring term alternate years. Three semester hours.

HIST 401. History and Historians - A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Prerequisite: Junior or senior standing, twelve hours of history, and consent of instructor. Offered fall term each year. One semester hour.

HIST 431. The Stone-Campbell Movement in the North American Context - A study of the religious movement to restore New Testament Christianity as a basis for Christian union. Prerequisites: HUMN 101, 102, and 201 or consent of instructor. Offered fall term each year. Three semester hours each semester.

HIST 450. The Holocaust - A study of the destruction of Europe's Jews by the Nazis. This study covers the general topic of anti-Semitism, anti-Jewish legislation, the implementation of the Final Solution, and the Jewish response. Offered spring term every three years. Three semester hours.

HIST 489. Directed Readings - A supervised program of readings, which provides for study of material not included in the regular course offerings. One to three semester hours.

HIST 490. Directed Studies - A program of readings and conferences, which provides for individualized study. One to three semester hours.

HIST 494. Senior Thesis Seminar - Required of all history majors in their junior or senior year, the senior thesis seminar provides an opportunity for students to produce a senior thesis reflecting original research. Working in cooperation with fellow history majors and under the joint supervision of the history faculty, students will learn how to choose an appropriate research topic, make use of bibliographic tools, develop an argument, and organize and write a research paper. Students will work on their own projects and serve as peer critics for other projects. Offered spring term each year. One semester hour.

HIST 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HIST 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

HIST 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

HIST 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

HONORS

HUMN 102H. Renaissance and Early Modern Cultures – An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of cultures from the fourteenth to the eighteenth centuries. Offered spring term each year. Four credit hours.

HUMN 201H. 18th- and 19th Century Cultures – An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of the eighteenth and nineteenth centuries. Offered fall term each year. Four credit hours.

HUMANITIES

HUMN 091. Reading and Study Strategies for College Success - An integrated approach to college-level reading and study strategies, including concentration, comprehension, note-taking, test-taking, and time management, designed to accompany Humanities 101. Not applicable toward the 128 hours required for a degree. Students are not allowed to withdraw from HUMN 091. Offered fall term each year. Two semester hours.

HUMN 100. Humanities USA Study Tour - A one-week study tour of several culturally and historically important American cities. Students visit sites connected to their study in the Humanities curricular sequence. In addition to travel, students complete writing assignments and fulfill all the academic obligations outlined by the tour professors. No prerequisites. Offered May term each year. One semester hour.

HUMN 101/101M Ancient and Medieval Cultures - An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of cultures from prehistory to the fourteenth century. HUMN 101 offered fall term each year. HUMN 101M offered online spring term as needed. Four semester hours.

HUMN 102/102M. Renaissance and Early Modern Cultures – An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of cultures from the fourteenth to the eighteenth centuries. HUMN 102 offered spring term each year. HUMN 102M offered online summer term as needed. Four semester hours.

HUMN 200P. European Study Tour Preparation - Students going on the tour are required to register for one hour of HUMN 200P in the spring semester prior to the tour. HUMN 200P includes attending specified sessions (lectures and discussions) focused on twentieth-century Europe and meetings dealing with tour preparation issues. HUMN 200P and HUMN 200T may be taken in lieu of HUMN 202 (4 hours). Prerequisites:

HUMN 101 and HUMN 102. Offered every spring term. One semester hour.

HUMN 200T. European Study Tour – A study tour of several European countries. Visits are made to sites of both historical and cultural significance. In addition to travel, students complete writing assignments and fulfill all the academic obligations outlined by the tour professor. HUMN 200T and HUMN 200P may be taken in lieu of HUMN 202 (4 hours). Prerequisites: HUMN 101, HUMN 102, and HUMN 200P. Offered every summer. Three semester hours.

HUMN 201/201M. Eighteenth- and Nineteenth-Century Cultures – An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of the eighteenth and nineteenth centuries. HUMN 201 offered fall term each year. HUMN 201M offered online fall term as needed. Four semester hours.

HUMN 202/202M. Cultures of the Twentieth and Early Twenty-first Centuries – An interdisciplinary course involving extensive reading in the history, literature, philosophy, and fine arts of the twentieth and early twenty-first centuries. HUMN 202 offered spring term each year. HUMN 202M offered online summer term as needed. Four semester hours.

Note: HUMN 101 is a recommended course of study fall semester for all freshmen working toward a B.A., B.S., B.S.N. or B.S.W. degree. Except for those experiencing serious academic difficulties, students should continue in HUMN 102, 201, and 202 in subsequent semesters. Once a student enrolls in the traditional undergraduate program at Milligan University, still needing humanities courses as part of the core, those courses must be taken at Milligan.

HUMN 211. Introduction to Women's and Gender Studies – This introductory course provides an explicitly interdisciplinary and academically rigorous basis for subsequent coursework in the minor. This course will prepare students to connect theory and practice in dynamic ways, to engage in critical self-reflection, to cultivate a deeper awareness of their relationship to self and other, and to consider the impact of gender and gender constructs within their chosen field(s) of study. Offered spring semester even years. Three semester hours.

HUMN 250. Interdisciplinary Research Methodologies – An introduction to the methods of study used in various humanities disciplines through a series of lectures and readings; students also design and complete an interdisciplinary humanities research project. Offered fall term each year. Three semester hours.

HUMN 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

HUMN 370. The Art of Persuasion - An exploration of the fundamental features of rhetoric primarily using classical Greek and Roman theory. That theory is applied to modern attempts to persuade, but also the use of emotion, character, and style. Students will analyze and evaluate speeches and texts. Offered spring semester odd years. Three semester hours.

HUMN 380. Jesus in the Arts - An exploration of the creative images of Jesus throughout the centuries, drawing examples from the literary, dramatic, visual, musical, kinetic, and cinematic arts, seeking a deeper appreciation for the arts in the life of the church and for the impact of the image of Jesus in people's lives. Offered periodically. Three semester hours.

HUMN 385. What Happens After We Die – A seminar that approaches the question of postmortem existence through the chronological study of texts and artworks belonging to diverse religious and philosophical traditions. Three semester hours.

HUMN 490. Reading and Research in Humane Learning - An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 are required for every humanities major. Three to six semester hours per semester.

HUMN 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMN 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

HUMN 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

HUMN 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

INFORMATION SYSTEMS

IS 120M. Computer Applications: Microsoft Word/PowerPoint – A hands-on study of the Microsoft Word and Microsoft PowerPoint software. Topics include basic editing and formatting, tables and multipage reports, enhanced page layout and design, and desktop publishing. Also included are techniques for presentation development, slide layout with media, and special effects. Keyboarding skills are assumed. Offered periodically One semester hour.

IS 125M. Computer Applications: Microsoft Excel – A hands-on study of Microsoft Excel software. Topics include formatting workbooks, calculating data with functions and formulas, and analyzing and charting financial data. Keyboarding skills are assumed. Offered periodically. One semester hour.

IS 130M. Computer Applications: Microsoft Access – A hands-on study of Microsoft Access software. Topics include creating a database, defining table relationships, maintaining and querying a database, and creating forms and reports from databases. Keyboarding skills are assumed. Offered periodically. One semester hour.

IS 175/175M/175B. Computer Applications - A hands-on study of the Microsoft Office Suite – Word, PowerPoint, Excel and Access software. Topics include basic editing and formatting, tables and multipage reports, enhanced page layout and design, desktop publishing, techniques for presentation development, slide layout with media, and special effects. Topics also include formatting workbooks, calculating data with functions and formulas, analyzing and charting financial data, creating a database, defining table relationships, maintaining and querying a database, and creating forms and reports from databases. Students will need a Windows-based computer to complete the database portion of the course. Computer labs are readily available for student use. Keyboarding skills are assumed. IS 175M are offered fall and spring terms. Three semester hours.

IS 185/185M. Principles of Information Systems - This course focuses on the core principles of information systems. Topics include the latest research and developments on topics such as: big data, business intelligence, cloud computing, cybercrime, e-commerce, enterprise systems, mobile computing solutions, strategic planning, and systems acquisition and development. Students will discover how information systems can increase profits and reduce costs as they explore the latest information on artificial intelligence, change management, consumerization of information systems, data governance, global solutions, Internet censorship, IS careers, and virtual teams. Offered occasionally. Three semester hours.

IS 201/201M. Hardware and Software Fundamentals - A comprehensive study of information systems hardware and software. The course involves hands-on or simulated experience installing, maintaining, and troubleshooting hardware components, peripheral devices, operating systems, and related software. Offered fall term. Three semester hours

IS 211M. Programming Logic - An introduction to all aspects of object-oriented logic and the problem-solving process. High level languages are used with emphasis on good programming practices Offered fall term. Three semester hours.

IS 218/218M. Web Development - An introduction to the World Wide Web as both a user and a developer. This course is designed to take the user from creating web pages to designing a large Web site. The course will use current HTML standards, CSS and ECMA script specifications. Other topics include JavaScript and multi-media integration. Suggested prerequisite: CS 211. Offered spring term. Three semester hours.

IS 285M. Advanced Excel Concepts – A study of the advanced features of Microsoft Excel, a powerful spreadsheet application that allows one to organize data in large worksheets, complete calculations, make decisions, graph data; develop templates, trend lines, and pivot table reports; perform auditing and data validation; automate actions with macros and collaborate on workbooks. Prerequisite: IS 175/175M/175B or the equivalent. Offered occasionally. Three semester hours.

IS 297/297M. Object Oriented Programming-Python – This course provides the beginning programmer with a guide to developing programs in Python. Python is an interpreted, interactive, object-oriented programming language. It incorporates modules, exceptions, dynamic typing, very high-level dynamic data types, and classes. . Prerequisite: CIS 211. Offered spring term. Three semester hours.

IS 305/305M. Database Management - A basic overview of relational database systems and relational database design. The student acquires a working knowledge of Microsoft Access and the ISO standard SQL language. Suggested prerequisite: IS 175. Offered fall term. Three semester hours.

IS 310/310M. Enterprise Resource Planning – A study of business functions and processes, marketing information systems, supply chain management information systems, process modeling and improvement, and electronic commerce. Offered fall term. Three semester hours.

IS 318/318M. JavaScript - JavaScript is a powerful and flexible programming language, adding dynamic behavior to a website. This course covers conditional statements, functions, scope, arrays, loops, iterators, objects, classes, DOM manipulation, requests, and promises. Knowledge of HTML and CSS is recommended but not required. Prerequisites: CS 211, IS 218. Offered fall term. Three semester hours.

IS 341/341M. Systems Analysis and Design - A study of systems analysis, design, and implementation methods commonly used in systems development. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Prerequisite: CS 211. Offered fall term . Three semester hours.

IS 401/401M. Project Management - A study of project management which covers topics such as project integration, scope, time, cost, quality, human resource, communications, risk, procurement, and stakeholder management as well as all five process groups--initiating, planning, executing, monitoring and controlling, and closing. Offered spring term. Three semester hours.

IS 418/418M. Server-side Web Programming – A study of HTML programming to create complex web page layouts containing forms, CSS styles, JavaScript, Objects, Styles, and Events. Prerequisites: CS 211, IS 218, IS 305. Offered spring term. Three semester hours.

IS 450/450M. Information Systems Design Capstone - The senior capstone course in which students incorporate all aspects of previous study in computer information systems such as computer applications, programming, systems analysis, project management, and data communication to solve a real-life business problem. Open to senior information system and computer science majors only or by permission of the instructor. Offered spring term. Three semester hours.

IS 491/491M. Internship - A practicum experience in which students work in a professional setting using computer information systems skills from their major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

IS 495/495M. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: permission of the instructor or major professor. Offered occasionally. One to three semester hours.

IS 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

IS 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

IS 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

INTERACTIVE MEDIA DESIGN

IMD 115. Motion Graphics 1 – This course introduces students to timeline-based motion graphics work. As defined in this course, motion graphics is essentially graphic design that moves. Students will explore the practical application of motion graphics in producing several video portfolio pieces that build on different aspects of animation. The course emphasizes the connection of text and image, adding components of sound, movement, and timing. Offered fall term each year. Three semester hours.

IMD 220. Vector Animation – This course explores aspects of visual storytelling through timeline-based animation and develops interactive content, such as simple web-based applications, menus, and games. Students will learn to create simple characters with powerful rigging tools, publish content on social media, create interactive ads, and more. Students will learn Adobe Animate and Illustrator. Offered spring and fall terms, odd years. Three semester hours.

IMD 225. Interactive Media 1 – An introduction to creating various kinds of interfaces. Students will study grid-based web design and web programming languages. They will create a mini-portfolio of user interfaces and use prototyping software to test their results. Offered spring and fall terms, even years. Three semester hours.

IMD 230. Blogging and Podcasting – Students will learn how to build and maintain an engaging blog with informative content. Students will write sample articles in their area of interest, use search engine optimization in order to help gain readers, and build an audience. Students will also learn how to set up their own podcast feeds, focusing on a concept that will help build their presence and content online. Prerequisite: IMD 115; experience with Adobe AfterEffects, Adobe Premiere, or Adobe Audition; or consent of instructor. Offered fall term each year. Three semester hours.

IMD 305. Digital Illustration 1 – An introduction to digital illustration using industry-standard tools. Students will learn how to effectively convey concepts with imagery. Students will be exposed to various markets of illustration, including editorial illustration, character development, book illustration, and sequential art. This course will also explore the relationship of illustration to graphic design and animation. Prerequisite: ART 110 or GRDS 250. Offered fall term, odd years. Three semester hours.

IMD 315. Motion Graphics 2 – This course builds on IMD 115 for students to produce more advanced visual effects work. This class introduces the concept of coding expressions, loops, simple 3D, and sound-based graphic manipulation. Prerequisite: IMD 115; experience with AfterEffects; or consent of instructor. Offered spring term each year. Three semester hours.

IMD 325. Interactive Media 2 – The study of programming techniques to produce responsive user interfaces from a designer's standpoint. Students will learn to use media queries and breakpoints in HTML and CSS to build flexible grid-based web pages. They will also learn aspects of search engine optimization (SEO) to help get their content noticed. Prerequisite: IMD 225. Offered fall term, odd years. Three semester hours.

IMD 405. Digital Illustration 2 – An advanced course in digital illustration using industry-standard tools. Students will pursue a range of complex visual problems and create portfolio-ready, professional-level renderings. This class will culminate in a digital illustration exhibit in which students will present their work. Prerequisite: IMD 305. Offered spring term each year. Three semester hours.

IMD 420. Experimental Media – Students will explore combining several mediums such as 3D printing, graphic design, motion graphics, and programming. Aimed at the development of new concepts and the creation of installation art, students will be exposed to New Media Art and its relationship to technology and social consciousness. Students will propose, plan, and execute a senior project during the semester with their colleagues and create an interactive art installation. Prerequisites: IMD 305, IMD 315, and IMD 325. Offered spring term odd years. Three semester hours.

IMD 430. Augmented Reality – Using three- and two-dimensional assets, students will experiment to build augmented reality user experiences. Students will work together on creating an immersive experience to be viewed through a tablet or phone. Students will use Adobe Aero. Prerequisite: IMD 420. Offered spring term, even years. Three semester hours.

IMD 490. Directed Study – A course which allows individualized instruction in interactive media under faculty supervision, leading to a capstone project. Offered every term. Student may repeat as necessary to accumulate credit hours. Prerequisite: consent of instructor. One to three semester hours.

IMD 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

IMD 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

IMD 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

JOURNALISM

JOUR 215. The News, the World, and You: Issues in Journalism and Media – A seminar that explores fundamental questions related to the cultural, political, religious, or social roles of news and other forms of journalism and fact-based media. Through readings, writing, and discussion, this seminar will address current issues in light of media history or theory. Open to all students. Offered spring term even years. Three credit hours.

JOUR 326. Stampede: Multimedia Journalism Practicum – An opportunity for students to plan, report, and publish high-quality journalism-based content for the *Stampede*, Milligan's student-run news organization. As part of a team working in a multimedia environment, students will gain experience with various platforms, including print, internet, social media, television, and other media forms. Open to all students; required for Multimedia Journalism majors and Professional Writing minors. Students may repeat this course for added credit. Recommended prerequisites: COMM 105 and FILM 277, or consent of instructor. Offered every term. One or two semester hours.

JOUR 331. Advanced Reporting – Students will develop and practice skills and habits of thinking that are essential for journalism and nonfiction in all its forms, including interviewing, the use of documents, observation, and opportunities to report in specialty areas ("beats"). Prerequisite: COMM 105. Offered fall term even years. Three semester hours.

JOUR 332. Feature Writing – A course in researching and writing feature articles, reviews, and brief opinion pieces suitable for newspapers, magazines, and websites. Students will write several articles and submit work for publication. Open to all students; required for Multimedia Journalism major. Prerequisite: COMM 105 or consent of instructor. Offered fall term odd years. Three semester hours.

JOUR 335. Editing and Style – A survey of the fundamentals of editing, style, and production in various media formats. Includes lab work with the *Stampede*. Prerequisite: COMM 105 or consent of instructor. Cross listed as ENGL 335. Offered spring term odd years. Three semester hours.

JOUR 432. Foundations of Creative Nonfiction – An exploration of genres of literature that are fact-based and grounded in real-world experience, but written in inventive or literary forms, including memoir, personal essays, and literary or narrative journalism. This course studies creative nonfiction by reading early prototypes and then concentrating on significant works from the 20th and early 21st centuries. Students will engage in extensive readings, class discussions, and writing in a creative nonfiction genre. Cross listed as ENGL 432. Prerequisite: COMM 105 or consent of instructor. Offered spring term odd years. Three semester hours.

JOUR 490. Directed Study – A guided course in which students may receive course credit for advanced readings and/or special projects in journalism or other forms of nonfiction. Prerequisite: consent of instructor. Available every term. One to three semester hours; may be repeated to accumulate credit hours.

JOUR 491. Internship – A practicum experience in which students work in a professional setting using media skills from major courses, in print, visual, audio, or digital media. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours. Offered every term. Prerequisite: junior standing or consent of instructor. One to three semester hours.

JOUR 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

JOUR 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

JOUR 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

LEGAL STUDIES

LS 304/304M. Law, Politics and Global Development - An examination of the function of law and politics in both domestic and international economic development. Concentration will be given to understanding the importance and influence of governmental institutions and specific laws upon individual societies, in particular, developing countries. LS 304 or 304M offered spring term odd years. Cross-listed as LS/POLS 304. Three semester hours.

LS 310. Philosophy of Law - A detailed study of judicial decision-making and its relationship to the handling of disputes at different levels of the legal structure and various stages of the legal process. Using case-law materials, the techniques of legal reasoning and styles of legal thinking, along with the ways in which judicial decisions are able to respond to the demands of social change, are investigated. Consideration is given to techniques of reading legal texts, strategies of interpretation, legal reasoning, decision-making, and persuasion. Offered fall term even years. Cross-listed as POLS 310. Three semester hours.

LS 320. Constitutional Law - A survey of the historical development of the American Constitution with concentration on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected Supreme Court cases will be studied. Offered fall term odd years. Three semester hours.

LS 330. Family Law - An examination of the relationship between the American family, the law, and the church. Topics include the legal definitions of marriage and family; the rights and obligations within the family; the role of church and government in marriage and family life; the dissolution of marriage and related issues such as the distribution of marital assets, alimony, child custody, visitation, and support; the issues of paternity, adoption and surrogacy will also be explored. Offered spring term even years.

LS 355. Criminal Law and Procedure - A broad introduction to the American criminal justice system. Topics include how crimes are legally defined, legal defenses, and Constitutional limitations. The three major components of the criminal justice system are examined: law enforcement, the judicial system, and corrections. In particular, the focus is on each component's relationship to substantive and procedural law. Offered fall term odd years. Three semester hours.

LS 491. Internship - A supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competencies. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 work hours.Three to six semester hours.

LS 494. Capstone Seminar – A seminar designed to promote in-depth discussion, independent research, and writing regarding such issues as Christianity, law, governance, politics, and social justice. Cross-listed as POLS 494. Offered spring term even years. Three semester hours.

LS 495. Seminar - A seminar designed to promote in-depth discussion, independent research and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

LS 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

LS 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

LS 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

MATHEMATICS

MATH 090/090M. Math Strategies for College Success - A review of basic arithmetic and an introduction to beginning topics in algebra. This course attempts to build connections between arithmetic and algebra and to ease the transition to a class in College Algebra or other college level work. It also includes topics in beginning statistics and geometry. It is not applicable toward the 128 hours required for a degree. Students are not allowed to withdraw from MATH 090. MATH 090 offered every semester. MATH 090M offered as needed. Two semester hours.

MATH 107. Principles of Mathematics - An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Offered every term. Three semester hours.

MATH 111/111M. College Algebra - A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. MATH 111 offered fall term each year. MATH 111M offered as needed. Three semester hours.

MATH 153. Fundamental Concepts I - A study of the real number system and its field properties. As tools for the development of these topics, a study is made of set theory and various numeration systems. Attention is given to problem solving; sets, whole numbers, and numeration; whole number operations and properties; whole number computation; number theory; fractions and decimals; ratio, proportion, and percent. Strategies for explaining these topics will be introduced. Prerequisite: 2 years of high school algebra or MATH 090. Not applicable to a math major or minor. Offered spring term each year. Three semester hours.

MATH 171/171M. Precalculus – An in-depth study of functions of one variable; in particular polynomials, exponential, logarithmic, trigonometric, and inverse trigonometric functions. Application of these types of functions will be emphasized. Also included is an in-depth presentation of trigonometry; in particular the unit circle, graphs, identities, solving equations, solving triangles, and polar coordinates. Not applicable to a math major or minor. Prerequisite: High school algebra or equivalent. MATH 171 offered spring term each year. MATH 171M offered as needed. Three semester hours.

MATH 211. Calculus I – An in-depth study on limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: C- or better in MATH 171 or satisfactory performance on Calculus placement exam. Offered fall term each year. Four semester hours.

MATH 212. Calculus II - A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: C- or better in MATH 211. Offered spring term each year. Four semester hours.

MATH 213/213M. Statistics - A study of data analysis and statistical inference. Topics include descriptive statistics, an introduction to probability, continuous and discrete random variables, probability distributions, confidence intervals, hypothesis testing, and linear regression and correlation. Prerequisite: High school algebra or equivalent. Offered every semester. Three semester hours.

MATH 213B. Business Statistics - A study of data analysis and statistical inference. Topics include descriptive statistics, an introduction to probability, continuous and discrete random variables, probability distributions, confidence intervals, hypothesis testing, and linear regression and correlation. Prerequisite: High school algebra or equivalent. Offered Term Two. Three semester hours.

MATH 213M. Statistics - A study of data analysis and statistical inference. Topics include descriptive statistics, an introduction to probability, continuous and discrete random variables, probability distributions, confidence intervals, hypothesis testing, and linear regression and correlation. Prerequisite: High school algebra or equivalent. Offered spring and summer semesters. Three semester hours.

MATH 253 and 253B. Fundamental Concepts II - A continuation of the study of the real number system. Topics include rational and real numbers; statistics; probability; measurement; geometry; and algebra. Strategies for explaining the topics and a variety of presentation methods will be explored. Prerequisite: A grade of C or better in MATH 153. Not applicable to a math major or minor. Offered fall term each year. Three semester hours.

MATH 290. Independent Study - Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

MATH 301. An Introduction to Mathematical Logic - A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular concentration on the reading and writing of proofs. Prerequisite: C- or better MATH 212. Offered spring term 2017, fall term 2017, and every fall term following. Three semester hours.

MATH 302. Discrete Mathematics - A study of discrete mathematical structures such as sets, permutations, relations, graphs, and finite state machines as well as a variety of mathematics used to study these structures including recursion, induction, counting, algorithms, and finite calculus (difference equations). This course is especially recommended for those whose major or minor is either information systems, computer science or cybersecurity. Offered fall term. Three semester hours.

MATH 303. Multivariable Calculus - A study of three-dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: C- or better in MATH 212. Offered fall term each year. Four semester hours.

MATH 304. Modern Geometry - A study of axiomatic systems, logic, and Euclidean and non-Euclidean geometries from an historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Prerequisite: C- or better in MATH 301. Offered fall term even years. Three semester hours.

MATH 307. Linear Algebra - A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Prerequisite: C- or better in MATH 212. Offered spring term each year. Three semester hours.

MATH 308. Modern Algebra - A study of algebraic structures such as groups, rings, integral domains, and fields. Prerequisite: C- or better in MATH 301. Offered spring term odd years. Three semester hours.

MATH 309. Differential Equations - A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: C- or better in MATH 303. Completion of MATH 307 with a C- or better is recommended. Offered spring term each year. Three semester hours.

MATH 310. Topology - A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Prerequisite: C- or better in MATH 301. Offered fall term as needed. Three semester hours.

MATH 314. Probability and Statistics I - A calculus-based study of probability distribution functions and inferential statistics. Topics include discrete and continuous distribution functions, multivariate probability distributions, moment-generating functions, and estimation of population parameters. Prerequisite: C- or better in MATH 303. Offered fall term as needed. Three semester hours.

MATH 315. Probability and Statistics II - A continuation of MATH 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOVA, non-parametric methods, and other tests. In addition, the course includes an introduction to computer based statistical packages. Prerequisite: C- or better in MATH 314. Offered spring term as needed. Three semester hours.

MATH 325. Robotics – This is a project-based course to produce a remote-controlled vehicle (ROV) designed specifically for marine advanced technology education (MATE) regional and international competition. Students will participate as a team in a challenge that engages a global community of learners. The competition challenges students to apply business, communication, mathematics, engineering (mechanical and electrical) and computer science concepts and theories. Open to all students. Offered spring term. Three credit hours.

MATH 351. Mathematical Modeling - A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: C- or better in MATH 307 and 309. Offered spring term even years. Three semester hours.

MATH 408. Numerical Analysis - A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: C- or better in MATH 307, 309, and CS 211. Offered fall term odd years. Three semester hours.

MATH 411. Introduction to Real Analysis - A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergency of sequences of functions, Lebesque measure and integration, Riemann-Stieltjes integration, and general measures. Prerequisites: C- or better in MATH 301 and 303. Offered fall term even years. Three semester hours.

MATH 412. Introduction to Complex Analysis - An expansion of calculus into the complex numbers. An introduction into complex integration, path integrals, the Cauchy Integral formula, Morera's theorem, Liouville's theorem, calculus of residues, conformal mapping, Taylor and Laurent Series expansions, applications. Prerequisite: C- or better in MATH 301 and 303. Offered spring term as needed. Three semester hours.

MATH 490. Independent Study - Individual work in mathematics under the direct supervision of an instructor. Prerequisite: twenty-four hours of mathematics and consent of the instructor. Offered as needed. One to three semester hours.

MATH 494. Capstone Seminar - A seminar designed to promote in-depth discussion, independent research, and writing. Emphasis will be placed on appreciating the beauty of mathematics as it evolves through history and integrating mathematics with the Christian faith. Three semester hours. Offered fall term odd years. Three semester hours.

MATH 495. Seminar - A seminar designed to promote in-depth discussion, independent research and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATH 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

MATH 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

MATH 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

MECHANICAL ENGINEERING

MENG 201. Statics -Engineering Statics is the analysis of the physical loads (forces and moments) acting on and/or internal to physical bodies in mechanical equilibrium. In this course we will develop and use a systematic engineering-analysis procedure to determine unknown loads acting on or within a physical structure. The primary tools for our analysis are Newton's Laws of Motion, scalar and vector mathematics, and Free Body Diagrams. The course is offered in the fall term of each academic year. Statics focuses on the loads—forces and moments (a.k.a. torques)—needed to keep a physical structure, or "system", motionless, or "static". More generally, the treatment will be seen to apply as well to constant-velocity structures. Statics is a fundamental engineering course, the first of a sequence of courses dealing with the response of physical systems to applied loads. (These follow-on courses include Dynamics (MENG 202)—which extends the treatment to non-static systems, Mechanics of Materials (MENG 211)—which considers the internal stresses and deformations of static systems, and Vibrations (MENG 431)—which considers system response to oscillatory loads.) Prerequisite: MATH 212 and FENG 102 or PHYS 203. Offered fall term each year. Three semester hours.

MENG 202. Dynamics -
Dynamics is the analysis of the motion of particles, systems of particles, and rigid bodies under the influence of loads (forces and moments). In this course we will focus on the use of Newton's Second Law, in three major, progressive blocks of instruction—from scalar, then vector, treatments of rectilinear and curvilinear motion of single particles; through vector motion of systems of particles; to general three-dimensional motion of rigid bodies. The course also provides brief introductions to energy methods: work-energy and impulse-momentum.
The primary tools for our analyses are Free Body Diagrams, Newton's 2nd Law, and scalar and vector mathematics. Dynamics is offered at Milligan in the spring term of each academic year.
A fundamental engineering course, Dynamics is the third in a typical sequence of four foundational "Mechanics" courses, which address the responses of physical systems to applied loads. The first, Statics (MENG-201), deals with the analysis of particles and rigid bodies at rest. The second (or third) in a typical sequence is Mechanics of Materials (MENG-211), which considers the internal stresses and deformations of static systems of deformable bodies. The third (or second), Dynamics (MENG-202) treats particles, systems of particles, and rigid bodies in motion. Fourth in the sequence is Vibrations (MENG-431)—which considers system responses to oscillatory loads.Prerequisite: MENG 201. Offered spring term each year. Three semester hours.

MENG 211. Mechanics of Materials -
Mechanics of Materials (a.k.a. Strength of Materials, or Mechanics of Deformable Bodies is the analysis of the static response of deformable bodies under the influence of loads (forces and moments). In this course we will develop and apply analysis tools (concepts, equations, and diagrams) to determine (1) compressive, shearing, flexural, and tensile stresses, and deflections, as appropriate, in (a) axially loaded bars, (b) torsionally loaded shafts, and (c) transversely loaded beams; (2) buckling loads for compressively loaded columns; (3) combined stresses, due to combinations of loading types; and (4) the strength of welded and riveted joints.
The primary tools for our analyses are Free Body Diagrams, Newton's 3rd Law, and scalar mathematics. Mechanics of Materials is offered at Milligan in the spring term of each academic year, and falls in the second year of the typical student's curriculum.
A fundamental engineering course, Mechanics of Materials is the third in a typical sequence of four foundational "Mechanics" courses, which address the responses of physical systems to applied loads. The first, Statics (MENG-201), deals with the analysis of particles and rigid bodies at rest. The second (or third) in a typical sequence is Mechanics of Materials (MENG-211), which considers the internal stresses and deformations of static systems of deformable bodies. The third (or second), Dynamics (MENG-202) treats particles, systems of particles, and rigid bodies in motion. Fourth in the sequence is Vibrations (MENG-431)—which considers system responses to oscillatory loads.
Mechanics ofPrerequisite: MENG 201. Offered spring term each year. Three semester hours.

MENG 311. Materials and Design
The Materials-and-Design course explores the relationships among (i) fundamental atomic, molecular, and crystalline (or non-crystalline) properties; (ii) the resulting microscopic structures; and (iii) macroscopic properties of materials used in engineering applications. This "ground-up" treatment develops essential concepts for proper materials selection and enhancement of engineering properties. Materials under study include the three classic categories of metals (ferrous and nonferrous), ceramics, and polymers; followed by composites, nano-sized/structured materials, biomaterials, smart materials, and semi- and super-conductors. Exercises are incorporated throughout the course to prove the student with practical experience in making decisions concerning material composition and processing, in order to optimize engineering properties.
In this course, you will learn the general types of materials, as well as the effects of service environment on material behavior. The course teaches why materials have certain properties, from the atomic, microstructural, and macrostructural viewpoints. We will also address metallurgical approaches, advanced-materials technologies, and the use of a comprehensive major database (the Cambridge Engineering Selector software). The course concludes with a Materials Design Problem to allow you to apply the principles learned. Prerequisite: MENG 211. Offered spring term each year. Three semester hours.

MENG 331. Machine Design -
Machine Design is the application of fundamental engineering knowledge to the design and creation of devices, comprising interrelated mechanical components, to modify loads (forces and moments) and/or motion (translational and rotational). Broadly speaking, load changes can be in magnitude or direction; and motion changes can be in magnitude, direction, or type—e.g., from translation to rotation. A good designer should use an appropriate (usually iterative) design process; and s/he should possess and be able to apply a broad—sufficiently deep—understanding of engineering fundamentals, such as:
• material types, capabilities, and limitations;
• load, stress, deflection, and stiffness analytical tools—experimental and theoretical;
• failure prevention—for static and variable loading.
Machine Design also employs knowledge of the following, among other subjects:
• common types (and subtypes) of mechanical hardware—such as screws, fasteners, welds, shafts and shaft components, springs, bearings, clutches, brakes, couplings, and flywheels;

• gear-train analysis;
• fabrication hardware tools such as lathes, milling machines, and welding equipment;
• fabrication processes, such as forging and casting;
• computer aids, such as CAD/CAM/CAE.
Machine Design, MENG-331, will emphasize the theoretical aspects of the design process—using experimental measures of material properties and deterministic equations, along with various design tables, graphs, and safety factors—to ensure the ultimate design meets various design specifications to ensure user safety and machine reliability. The course will also provide an introduction to types of mechanical hardware and fabrication machinery and processes. Prerequisite: MENG 211. Offered fall term each year. Three semester hours.

MENG 351. Heat Transfer - Comprehensive study of heat transfer theory and its application in the real-world. The study is introduced through exploration of the basic modes of heat transfer—conduction, convection, and radiation. The course progresses through more advanced investigation of the details of these heat transfer modes and how they apply to real-world systems. Included in these detailed investigations are basic and multi-dimensional conduction as well as transient conduction. Convection heat transfer characteristics are explored with focus applied to external flows, internal flows, natural convection, boiling, and condensation. Radiation heat transfer analysis and applications are covered as well. Applications of these principles are emphasized in heat exchanger design and system analysis. This course also serves to enhance understanding of the engineering design process through projects specifically focused in this arena. Prerequisite: MENG 371. Offered spring term each year. Three semester hours.

MENG 361. Fluid Mechanics - Comprehensive study of fluid mechanics theory and its application in the real-world. The study is introduced through exploration in hydrostatics, pressure, fluid properties, and buoyancy. The course progresses through the more advanced concepts of fluid motion including mass, momentum, and energy conservation principles as well as the Bernoulli principle. Applications of these principles are emphasized in pipe flow, duct flow, flow measurement, boundary layer influences, and flow around solid bodies. Comprehensive and advanced topics are focused on fluid system analysis and turbomachinery. Prerequisite: MATH 309, MENG 201, MENG 202. Offered fall term each year. Three semester hours.

MENG 371. Thermodynamics 1 - This is an introductory course in the fundamental areas of fluid properties, energy, work and heat. Fluid properties are vital to accurate analysis and understanding of systems and processes; as a result, thermo-physical properties of substances are emphasized throughout the course. Solid, liquid, and vapor phase properties are explored in detail as well as ideal gases and incompressible fluids. The foundational laws of thermodynamics are identified from the theoretical standpoint. These laws are put into application in the analysis and investigation of real systems and components. Energy balance analysis serves as a major focus for this course. Performance limits of real as well as ideal processes are explored through the use of the second law of thermodynamics and the concept of entropy. This course incorporates the analysis of conventional power and refrigeration systems as real-world comprehensive examples of the use of the principles of thermodynamics. Prerequisites: MATH 309, CHEM 170. Offered fall term each year. Three semester hours.

MENG 372. Thermodynamics 2 -
This course focuses on the application and practice of thermodynamics as it relates to real-world heat and power systems. Heat and power systems serving as the focus of the class investigations are:
• Internal-Combustion Reciprocating Engines
• Vapor-Compression Refrigeration Systems
• Heating, Ventilating, and Air Conditioning Systems (HVAC)
• Steam-Power Generation Systems
• Gas Turbines
• Combined Cycles
• Cogeneration
• Combustion
Psychrometrics and combustion are significant topics investigated during this course. The systems noted as well as the additional topics covered in this class serve as primary arenas engineers focus attention on in real-world thermal-fluid systems analysis. Prerequisite: MENG 371. Offered spring term each year. Three semester hours.

MENG 411. Manufacturing Processes - This course offers a study of manufacturing processes, methods, and tools. Topics include tooling techniques, fabrication techniques, material selection, additive manufacturing, 3D scanning, process selection, etc. Offered spring term each year. Three semester hours.

MENG 421. Systems and Controls - Fundamental theory for feedback control of physical processes. Study includes transient and steady state frequency response, stability analysis, control modes, and simulation of control systems. Cross-listed as EENG 461. Prerequisites: EENG 301. Offered spring term each year. Three semester hours.

MENG 431. Vibrations and Dynamic Systems - Investigation of fundamental mechanical design concepts and methods. Application of engineering mechanics, materials, and manufacturing concepts in analysis is used to design mechanical elements and systems. Principles of dynamic system modeling with emphasis on second order mechanical systems. Harmonic and nonharmonic vibrations of single and multi-degree of freedom systems. Applications of computer simulation and analysis techniques in vibrations. Topics include combined stress, contact stress, stress concentration, fatigue, deflection, and theories of failure. Prerequisite: MENG 331. Offered spring term each year. Three semester hours.

MENG 432. Applied Machine Design - Machine design specialization course and capstone application course. Various teaching assignments centered on specific equipment (Laboratories). The Laboratories are power transmission, gear design, mechanism design, robot design, Programmable Logic Controller (PLC) use, and mechatronics. Prerequisite: MENG 311, MENG 431. Offered spring term each year.

MENG 471. Applied Thermal–Fluid Sciences -
This course focuses on the application and practice of thermal-fluid sciences with particular focus on the fields of thermodynamics, fluid mechanics, and heat transfer. These areas are central to engineering analysis, design, and optimization in real-world heat and power systems. Investigation principles, analysis theory, and design practice will be developed, demonstrated, and practiced through in-class development and specific detailed laboratory analysis. Primary topics serving as the focus of the class investigations are:

1) Compressible Flow
    a. Mach Number
    b. Subsonic, sonic, and supersonic flows
    c. Friction resulting in sonic flow conditions
2) Measurements
    a. Flow measurement
    b. Temperature measurement
    c. Power measurement
3) HVAC analysis
    a. HVAC Heating-Cooling Load Analysis
    b. Chiller and Heat Pump Analysis
4) Heat Transfer Modeling
5) Heat Exchanger Analysis
6) Turbomachinery
    a. Pump-and-fan selection and operation
    b. Pump-and-fan system analysis
    c. Variable Speed Drive Applications
7) Boiler and Furnace Efficiency
    a. Combustion analysis
    b. Heat recovery
8) Compressed air system analysis

9) Gas Turbines
10) Cogeneration System Modeling

The systems noted as well as the additional topics covered in this class serve as primary arenas engineers focus attention on in real-world thermal-fluid systems analysis. Prerequisite: MENG 351, MENG 361, MENG 371 and MENG 372. Offered fall term each year. Four semester hours.

MENG 481. Mechanical Engineering Design Project 1 - The first of two senior capstone courses providing students with the opportunity to use, in an integrated manner, the knowledge and skills that have been acquired to this point in their education. This design course is devoted entirely to the research, planning, analysis, and report-writing required in the first phase of the senior design project. Teamwork is an integral part of the course. Prerequisite: co-requisite with MENG 471, senior standing or permission of the instructor. Offered fall term each year. Three semester hours.

MENG 482. Mechanical Engineering Design Project 2 - The second capstone course devoted to senior design project activities. The lab course requires students to complete the design, experimentation, analysis, and communication components of their project. Teamwork is an integral part of the course. Prerequisite: co-requisite with MENG 431, MENG 481. Offered spring term each year. Three semester hours.

MENG 491. Internship - A practicum experience in which students work in a professional setting using engineering, math, and science skills from their major courses. Credit hours are based on internship work hours during the semester with one credit hour assigned for each 50 internship work hours. Prerequisite: consent of major professor. Offered every term. One to six semester hours.

MENG 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semesters. Prerequisite: permission of the instructor or major professor. Offered as needed. One to three semester hours.
MENG 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Prerequisite: consent of major professor. Offered as needed. One semester hour.

MENG 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Prerequisite: consent of major professor. Offered as needed. One semester hour.

MENG 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Prerequisite: consent of major professor. Offered as needed. One semester hour.

MILITARY SCIENCE (ROTC – ETSU)

Military Science courses are offered at East Tennessee State University and are available only to students enrolled in the Army ROTC program.

MSCI 1180. Leadership/Personal Development (Lab) - Practical application of leadership skills and an introduction to military drill and ceremony. Individuals who sign up for MSCI 1180 must also be enrolled in either MSCI 1210 or MSCI 2110. Offered fall term. One semester hour.

MSCI 1181. Tactical Leadership (Lab) - Practical application of leadership skills and an introduction to military drill and ceremony. Individuals who sign up for MSCI 1181 must also be enrolled in either MSCI 1220 or MSCI 2150. Offered spring term. One semester hour.

MSCI 1210. Leadership/Personal Development - Introduces students to the personal challenges and competencies critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to civilian and military leadership professions. Students will utilize the Basler Challenge Course and receive marksmanship training. Offered fall term. One semester hour.

MSCI 1217. Physical Fitness (Basic) - Conducted in two sections. Section 002 meets TR and is designed to promote basic overall fitness with an emphasis on nutrition, endurance, and strength training as part of an active lifestyle. Section 001 meets MWF and consists of an extremely high intensity, challenging fitness program focused on preparing ROTC Cadets to meet the fitness standards demanded of future Army Officers. This course may be taken up to four (4) times for credit. Offered fall and spring terms. One semester hour.

MSCI 1220. Introduction to Tactical Leadership - A study of leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills that relate to civilian and military leadership professions. Students will utilize the Basler Challenge Course and receive marksmanship training. Prerequisite: MSCI 1210 or approval of Professor of Military Science. Offered spring term. One semester hour.

MSCI 2110. Innovative Team Leadership - Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of civilian and military leadership traits and behavior theories. Students practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in changing operating environments. Offered fall term. Two semester hours.

MSCI 2150. Military Skills I - Examines the challenges of leading tactical teams in complex and changing operating environments. Course highlights the dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the leadership framework explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Offered spring term. Two semester hours.

MSCI 2580. Basic Course - Available only to students pursuing an ROTC commission, and who have not completed the four ROTC Basic Course classes. The Basic Course, conducted at Fort Knox, Kentucky, is an intense four (4) week leadership development course in which students live, work, and learn in a cooperative group environment, gaining practical leadership experience and receiving detailed feedback on their performance. Prerequisite: Approval of Professor of Military Science.Offered summer term. 6 semester hours.

MSCI 3110. Adaptive Tactical Leadership - Course continues to challenge students to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Students receive systematic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, students continue to develop their leadership and critical thinking abilities. Prerequisite: MSCI 2110 and MSCI 2150, or MSCI 2580; or approval of Professor of Military Science. Offered fall term. 3 semester hours.

MSCI 3120. Leadership in a Changing Environment - Course utilizes increasingly intense situational leadership challenges to build awareness and skills in leading tactical operations up to platoon level. Students will review aspects of combat, stability, and support operations; conduct military briefings to develop proficiency in giving operation orders; and focus on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in changing operating environments.

Prerequisite: MSCI 3110 or approval of Professor of Military Science. Offered spring term. 3 semester hours.

MSCI 3217. Physical Fitness (Instructor) - An extremely high intensity, challenging fitness program focused on preparing ROTC Cadets (MSIII and IV) to meet the fitness standards demanded of future Army Officers. Course is required for contracted Cadets. This course may be taken up to four (4) times for credit. Offered fall and spring terms. 1 semester hour.

MSCI 4110. Developing Adaptive Leaders - Course develops student proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates as part of civilian and military leadership professions. Students assess risk, make ethical decisions, identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train, and develop subordinates. Prerequisite: MSCI 3120 or approval of Professor of Military Science. Offered fall term. Three semester hours.

MSCI 4120. Leadership in a Complex World - Course explores the dynamics of leading in the complex situations of current military operations in changing operating environments. Students examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Course also explores aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. Prerequisite: MSCI 4110 or approval of Professor of Military Science. Offered spring term. Three semester hours.

MSCI 4580. Cadet Advanced Course - Cadet Advanced Course is a five (5) week leadership course conducted at Fort Knox, Kentucky. Students will rotate through leadership positions, supervising their peers through both administrative and tactical activities in both garrison and field environments. Students will be under leadership evaluation 24 hours a day for the duration of the course, will receive a detailed appraisal of their displayed leadership performance, and return to campus qualified to enter the 4000 level Military Science and Leadership courses. Prerequisites: Completion of MSCI 3110 and MSCI 3120. Offered summer term. Six semester hours.

MSCI 4582. Military History - A historical perspective to decisions made by American military leaders from the colonial period through the current operating environment. Will explore the military's role in society, the evolution of war and the progression of military professionalism, the major wars fought by the United States Army, and the role of the United States military in joint operations and humanitarian operations.
Prerequisite: Approval of Professor of Military Science. Three semester hours.

MILLIGAN FOUNDATIONS

MLGN 100. Introduction to College and Service – An introduction to the skills/attitudes needed to succeed in college. These include an appreciation of oneself, one's skills and talents, others and their skills and talents, management of resources such as talents, time and money, an awareness of the history and culture of Milligan. Required of all freshmen during the first semester of attendance. Offered eight weeks fall semester. One-half semester hour.

MLGN 101H. Introduction to Honors – a course designed to orient students to the Honors Program and to hone the skills necessary for its successful completion. This course 1) strengthens vital skills in reading, writing, research, and dialogue, 2) provides background information and exercises related to preparing students for the diverse requirements of the Honors Program, 3) develops a strong sense of community among the incoming cohort of Honors students, and 4) encourages the appreciation of a liberal arts education as well as the integration of faith, learning, and service. Offered fall term each year. One semester hour.

MLGN 200/200M. Introduction to Calling and Career - MLGN 200 focuses on building behaviors and skills necessary to discern, identify, explore and prepare for a career related to a student's calling and choice of academic major. The course includes an introduction to basic career practices such as networking, resume preparation, etiquette training, and job search practices. Attention is given to vocational discernment by means of guest speakers and small group meetings to complement and strengthen the focus on vocation throughout the course. MLGN 200 meets for eight sessions with a required etiquette dinner and graduate school/career fair held outside the scheduled class meeting time. The class is required of all students during their sophomore year. **Transfer students below the junior level (58 credit hours) are not exempt unless they transfer in with a comparable credit. Transfer students who enter Milligan at the junior level or higher (58 or more credit hours) are exempt from taking MLGN 200.** MLGN 200 offered every term. MLGN 200M offered as needed. One-half semester hour.

MLGN 320 and 320M. Strategies for Graduate School Acceptance – A Milligan Foundations course designed to assist students in the graduate school application process including graduate school admission's test preparation, advice on completing the application, identifying and obtaining recommendations, and mock interviews. Prerequisite: MLGN 200. Offered fall term each year. One-half semester hour.

MUSIC

MUSC 100. Applied Study-Voice - Individual instruction in singing. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is voice. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 101, 102. Piano as a Secondary Concentration - Applied study for non-piano music majorsin preparation toward attainment of the piano proficiency. Two class meetings and one lab per week. Music 101 offered fall term each year; Music 102 offered spring term each year. Two semester hours.

MUSC 103. Music Colloquium - An introductory course featuring lectures, discussions, guest speakers, and field trips through which music students will gain an understanding of the different career paths, professional and avocational opportunities, and ministries available for musicians. Offered fall term each year. One semester hour.

MUSC 104. Applied Study-Piano - Individual instruction in piano. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is piano. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 105. Applied Study-Organ - Individual instruction in organ. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is organ. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 106. Applied Study-Guitar - Individual instruction in guitar. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is guitar. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 107. Applied Study-Flute - Individual instruction in flute. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is flute. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 109. Applied Study-Clarinet - Individual instruction in clarinet. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is clarinet. One-half semester hour (one-half hour lesson per week) for all

other students. Offered as needed.

MUSC 110. Applied Study-Saxophone - Individual instruction in saxophone. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is saxophone. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 111. Applied Study-Violin - Individual instruction in violin. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is violin. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 112. Applied Study-Viola - Individual instruction in viola. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is viola. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 113. Applied Study-Cello - Individual instruction in cello. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is cello. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 114. Applied Study-Percussion - Individual instruction in percussion. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is percussion? One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 115. Applied Study-Trumpet - Individual instruction in trumpet. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is trumpet. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 116. Applied Study-Horn - Individual instruction in French horn. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is French horn. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 117. Applied Study-Trombone/Euphonium - Individual instruction in trombone. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is trombone. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed.

MUSC 118. Applied Study-Bass - Individual instruction in bass. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is bass. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 119. Applied Study-Tuba - Individual instruction in tuba. Open to all students. Offered every term. One semester hour (one hour lesson per week) for music majors whose principal area of concentration is tuba. One-half semester hour (one-half hour lesson per week) for all other students. Offered as needed

MUSC 120. Voice Class – A study of vocal technique and its application in a small group setting (5-12 students). Open to all students. Offered as needed. One semester hour.

MUSC 124. Piano Class for Beginners - Group instruction for non-music majors and minors with no previous piano experience. The course teaches basic skills in piano playing, music reading, and theory. Students will learn to play various styles of piano music. Offered as needed. Two semester hours.

MUSC 125. Keyboard Fundamentals – A group keyboard class that explores the fundamentals of keyboard playing with an emphasis on practical skills and knowledge to assist students working in the music business field or in ministry and worship settings. Offered spring term even years. Two semester hours.

MUSC 130. Applied Accompanying - Individual instruction in the art and practice of accompanying for piano students. One semester hour (one hour lesson per week) for music majors whose principal area of instruction is piano. One-half semester hour (one-half hour lesson per week) for all other students.

MUSC 141. Music Theory Fundamentals- A study of the fundamentals of music including note reading, rhythmic notation, and basic melodic and harmonic analysis. Open to all students. Required for any music major who does not pass the music theory entrance exam. Offered fall term each year. Two semester hours.

MUSC 143-144. Basic Music Theory/Ear Training - A course in beginning written theory, including a laboratory session for developing aural skills. MUSC 143 offered spring term each year; MUSC 144 offered fall term each year. Three semester hours each semester.

MUSC 165. Survey of Classical and Film Music – The study and appreciation of the great music and composers of classical music and film scores. Offered spring term odd years. Three semester hours.

MUSC 170. The Alexander Technique – Introduction to The Alexander Technique, a method of educating the body toward efficient use of the whole self through verbal, visual, and hands-on skills. Offered as needed. One semester hour.

MUSC 181. Heritage - A select *a cappella* ensemble of eight singers that frequently represents the University at churches, civic organizations, and university functions. Open to any student by audition. This ensemble does not satisfy the ensemble requirement for music majors and minors. Offered every term. One-half semester hour.

MUSC 182. Johnson City Community Concert Band - Performance with the Johnson City Community Concert Band. One rehearsal per week. Offered every term. One semester hour.

MUSC 183. Women's Chorale – A choir of all female voices, performs extensively on campus, the local area, as well as out of state. The group also performs at churches for worship. Their repertoire is varied and includes art songs, spirituals, sacred, contemporary Christian, jazz, multi-cultural, and Broadway. Offered fall term. One semester hour.

MUSC 184. Concert Choir – A choir of both men and women, performs extensively on campus and throughout the United States, appearing at churches, high schools, and conventions and appearing with professional orchestras throughout the region. Their repertoire is varied and includes classics, spirituals, hymn arrangements, and musical theater. Offered every term. One semester hour.

MUSC 188. Chamber Music Ensembles- Small chamber ensembles (trios, quartets, etc.) by audition that perform a variety of music for on and off campus performance. This ensemble does not satisfy the ensemble requirement for music majors and minors. Offered as needed. One-half to one semester hour.

MUSC 189. Johnson City Symphony Orchestra - Performance with the Johnson City Symphony Orchestra. Audition required. String players must register concurrently with MUSC 192 Orchestra. This ensemble does not satisfy the ensemble requirement for music majors and minors. Offered as needed. One-half semester hour.

MUSC 192. Orchestra – String orchestra that performs a variety of music from classical masterworks to worship music for on and off campus performances. Open to all students by audition. Offered every term. One semester hour.

MUSC 196. String Quartet – Chamber ensemble made up of string players from the Milligan Orchestra that performs a variety of music for on and off campus events. This ensemble does not satisfy the ensemble requirement for music majors and minors. Open only to students registered for MUSC 192 Orchestra and by audition. Offered every term. One-half semester hour.

MUSC 201. Piano as a Secondary Concentration - Applied study for non-piano music majorsin preparation toward attainment of the piano proficiency. Two class meetings and one lab per week. Offered as needed. Two semester hours.

MUSC 207. Piano Proficiency - A test of general accomplishment in the music major's secondary applied concentration.Achievement must be completed to fulfill secondary requirements. Offered every term. No credit.

MUSC 211. Introduction to Music Technology - An introductory survey of software related to music notation, recording, mixing, and other educational applications. Offered fall term even years. Two semester hours.

MUSC 243-244. Advanced Music Theory/Ear Training - A course in advanced written theory, including standard musical forms and contemporary music. A concurrent laboratory session develops and maintains aural skills. Prerequisite: MUSC 144 or permission of the instructor. MUSC 243 offered spring term each year; MUSC 244 offered fall term each year. Three semester hours each semester.

MUSC 250/250M. World Music - An introduction to music styles of the world. Readings, discussion, listening to recorded examples, and exposure to performers and instruments of world cultures. Musical skill not required. This course fulfills the **ethnic studies** course requirement in the general education core and can be counted toward a major in Humanities. MUSC 250 or 250M offered fall term odd years. Three semester hours.

MUSC 254. Musical Theatre Production – The practical experience of acting, technical work, or directing in a musical theatre production. Offered every semester. One semester hour.

MUSC 256. Opera Workshop – An opportunity for students to hone their skills in singing and acting through offering fully staged scenes from the opera repertoire. By audition. Offered as needed. One semester hour.

MUSC 260/260M. Vocal Diction - A study of the accurate and clear delivery of text for singing using the International Phonetic Alphabet (IPA). This course will survey IPA symbols and their associated sounds, which students will utilize to prepare texts for art songs, operas, choral works, and musical theater texts in English, Italian, French, and German. Offered spring term, even years. Two semester hours.

MUSC 270. Musical Theatre Workshop I – An audition and acting through song course covering a wide variety of musical theatre genres for students interested in a musical theatre career. Lecture and discussion will include audition technique, song selection, type discussion, resume critique, and other professional considerations needed for professional auditioning. Offered spring term odd years. Two semester hours.

MUSC 271. Musical Theatre Workshop II – A scene study and acting through song course representing a variety of musical theatre styles for students interested in a musical theatre career. Lecture and discussion will include partnered scene work, acting, performance, and rehearsal considerations needed in professional rehearsal and performance scenarios. Offered spring term even years. Two semester hours.

MUSC 308. Junior Recital - Half-hour performance. Successful completion is required for any student intending to perform MUSC 408 Senior Recital. Students must be concurrently registered in the corresponding applied lesson for one hour credit. Offered every term. One-half semester hour.

MUSC 311. Women in Music - A study of influential women composers and musicians from the Middle Ages to the present and from a variety of musical genres. Offered as needed. Three semester hours.

MUSC 345. Composition - Techniques of musical composition in standard song forms, as well as instrumental solo and ensemble forms. Prerequisite: MUSC 144. Offered as needed. Two semester hours.

MUSC 348. Orchestration and Formal Analysis - A study of basic characteristics, arranging, and compositional techniques for orchestral instruments in addition to analytic techniques related to majors forms from the Baroque to the Present. Prerequisite: MUSC 244 or permission of the instructor. Offered spring term odd years. Three semester hours.

MUSC 363. Basic Conducting - A study of conducting techniques, score reading, stylistic characteristics, and elements of interpretation. Prerequisite: MUSC 143 or permission of the instructor. Offered fall term even years. Three semester hours.

MUSC 364. Advanced Conducting – A study of advanced conducting techniques for band, choir, and orchestra with concentration on error detection, rehearsal techniques, and score analysis. Prerequisite: MUSC 363. Offered spring term odd years. Three semester hours.

MUSC 367. Music History and Literature I - A survey of the development of Western music through Baroque, citing major composers and forms of each style period. Offered fall term odd years. Three semester hours.

MUSC 368. Music History and Literature II - A survey of the development of Western Music from Classical to the present, citing major composers and forms of each style period. Offered spring term even years. Three semester hours.

MUSC 369. Musical Theatre History and Repertoire – A study of American musical theatre 1866 to present. Special emphases on the Tin Pan Alley era, Ziegfeld era, and Golden Age of musical theatre, and the evolution of theatre music tracing its influences from classical music, jazz, and rock and roll. Offered fall term even years. Three semester hours.

MUSC 390. Independent Study - An individualized course which enables the student to study material either not covered in the curriculum or not covered in a single course. The instructor determines the course of study. Offered as needed. One to three hours credit.

MUSC 400. Field Studies - Music– A study tour to a selected city in the United States for the purpose of studying various aspects in the field of music. Music faculty members arrange attendance at various music performances and musical theatre productions. Specific readings are completed prior to the trip. Students are required to keep a journal of their experiences and submit a final paper, which reflects on those experiences. Offered every fall term. One semester hour.

MUSC 408. Senior Recital - One-hour performance. May be substituted with the Senior Project for the music performance and music education major. Prerequisite is the successful completion of a junior recital. Students must be concurrently registered in the corresponding applied lesson for one hour credit. Offered every term. One semester hour.

MUSC 436. Instrumental Methods I - A study of brass and string instruments with concentration on playing fundamentals, pedagogy, curriculum, and materials. Offered fall term even years. Three hours.

MUSC 437. Instrumental Methods II - A study of woodwind and percussion instruments with concentration on playing fundamentals, pedagogy, curriculum, and materials. Offered spring term odd years. Three semester hours.

MUSC 451. Curriculum and Methods for Elementary Music - A study of the philosophy, curriculum, methods, and materials of teaching music to

children including studies of the child's musical development (grades PreK-5). This course also requires field experience during the first two weeks of a secondary school's fall semester in order to satisfy Tennessee licensure requirements. Offered fall term odd years. Three semester hours.

MUSC 452. Curriculum and Methods for Secondary Music - A study of the philosophy, curriculum, methods, and materials of teaching vocal and instrumental music and ensembles in grades 6-12. Offered spring term even years. Three semester hours.

MUSC 454. Music and Worship Methods - A study of the materials and methods of music and worship ministry in the local church. Offered spring term even years. Three semester hours.

MUSC 456. Applied Pedagogy -A study of the philosophy, curriculum, methods, and materials of teaching applied instruments. Offered spring term odd years. Two semester hours.

MUSC 457. Applied Conducting –An intensive individual study in conducting techniques, theories, and practices for band, orchestra, and/or choir. The course also includes comprehensive analysis of musical scores. Instructor permission required. Offered as needed. One-half semester hour (half-hour lesson per week) or one semester hour (one-hour lesson per week).

MUSC 490. Senior Project - An individualized course of study (thesis, lecture/demonstration, or other project) to be determined by the student and a faculty committee. Often interdisciplinary in nature, the project relates to the student's career interests. This course serves as the culminating project for the music major. This course may serve as the culminating project for the music-performance and music education major. Instructor permission required. Offered every term. One semester hour.

MUSC 495. Seminar - Seminars in specific areas of music for advanced students. Designed to promote in-depth discussion, independent research, writing, and performance in areas not included in the regular course offerings. Offered as needed. One to three semester hours.

MUSC 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

MUSC 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

MUSC 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. This course may serve as the culminating project for the music-performance and music education major. Instructor permission required. Offered every semester as needed. One semester hour.

NURSING

NURS 110M. Global Health Issues - An overview of the current health issues confronting the world population in an on-line format. This course is open to all students and fulfills the **ethnic studies** course requirement in the general education core. Offered every term. Three semester hours.

NURS 191. Exploration of Professional Nursing - A course open to all students considering entry into the nursing profession. Class and group discussion and research of the health care system allows the student to understand better the historical development and various roles of the professional registered nurse in the context of interdisciplinary health care practice. Offered fall term each year. One semester hour.

NURS 198M. Medical Terminology - A course open to all students considering entry into health care related professions. This course is a self-paced course designed to assist students to identify and define the root words, suffixes, prefixes, and combining forms commonly found in medical terminology. Student learning activities and exercises are utilized to assist students to remember significant concepts and to understand the meaning of new words by defining the elements contained within them. Offered every term. One semester hour; one clock hour.

NURS 201. LPN Transition Course - An overview of the concepts of holistic professional nursing and the nursing process. This process is presented as a critical thinking and problem-solving tool for identifying client problems and for initiating independent and collaborative nursing interventions. Prerequisites: Current LPN/LVN licensure with current practice. Pre/co-requisites: BIOL 250, 251, and 280 or equivalents; NURS 240. Co-requisites: 201C and 202/202L. Offered spring term each year (dependent on student need). Three semester hours; three clock hours.

NURS 201C. LPN Transition Course: Clinical - Opportunities to use the nursing process as a critical thinking and problem-solving tool for identifying and initiating independent and collaborative nursing interventions within this clinical component. Previously learned technical nursing arts and skills are validated. Co-requisite: NURS 201. Offered spring term each year (dependent on student need). One semester hour; three clock hours.

NURS 202. Health Assessment - An exploration of the knowledge, observational, interactional, and psychomotor skills required for assessing the health status and needs of adult clients. Pre/co-requisites: BIOL 250, 251; NURS 210/ 210C or equivalents. Co-requisite: NURS 202L, 201/201L or 220/220C. Offered spring term each year. Two semester hours; two clock hours.

NURS 202L. Health Assessment Lab - Opportunities to practice the assessment modalities of inspection, palpation, percussion, and auscultation are provided. Students are expected to conduct and document regional and comprehensive physical examinations within the campus lab setting. Co-requisite: NURS 202. Offered spring term each year. One semester hour; two clock hours.

NURS 203. Foundations of Nutrition for Nursing Practice - An introduction to the principles of nutrition for nursing practice. Food needs for energy, protein, fat, carbohydrate, vitamins and minerals are considered in relation to health promotion and illness prevention across the life span. Integration of nutrition into patient plans of care using the nursing process will be emphasized. Pre/Co-requisite: NURS 201/201C; NURS 210/210C; NURS 202/202L; NURS 220/220C. Offered spring term each year. One semester hour, one clock hour.

NURS 210. Fundamentals of Nursing - An introduction to the fundamental concepts of holistic nursing and the nursing process. This process is presented as a critical thinking and problem-solving tool for identifying client problems and for initiating independent and collaborative nursing interventions. Pre/co-requisite: BIOL 250 and NURS 240. Co-requisite: NURS 210C. Offered fall term each year. Three semester hours; three clock hours.

NURS 210C. Fundamentals of Nursing Clinical - A focus on the development of fundamental competencies required for instituting independent and collaborative nursing interventions. Opportunities to test and use the nursing process as a critical thinking and problem-solving tool are provided. Co-requisite: NURS 210. Offered fall term each year. One semester hour; three clock hours.

NURS 220. Fundamentals of Nursing II - A continuation of NURS 210, the study of the fundamental concepts of holistic nursing and the nursing process. Prerequisites: BIOL 250 or equivalent, NURS 210/210C. Pre/co-requisite: BIOL 251 or equivalent, NURS 220C, NURS 240 and 202/202L. Offered spring term each year. Three semester hours; three

clock hours.

NURS 220C. Fundamentals of Nursing II Clinical - A continuation of NURS 210C with the focus on giving students opportunities to test and use the nursing process as a critical thinking and problem-solving tool to provide holistic nursing care. Opportunities to develop additional competencies in selected beginning nursing interventions are also provided within the clinical practice setting. Co-requisite: NURS 220. Offered spring term each year. One semester hour; three clock hours.

NURS 240: Dosage Calculations for Nursing Practice - An introduction to the principles of dosage calculations for nursing practice. Concentration is on the utilization of dimensional analysis for all types of dosage calculation problems and extensive practice in computing dosage calculations. Pre/Co-requisite: NURS 210/210C. Offered every term. One semester hour.

NURS 291M. Clinical Exploration in Nursing - Supervised preceptorship in various agencies allowing the student additional reflection and evaluation of clinical practice. Pre/co-requisites: NURS 210/210C. Offered every term, including summer terms. One to four semester hours.

NURS 292: Test Taking Strategies and Clinical Success - A course to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opportunities for growth in clinical practice, use of NCLEX-RN test taking strategies and professional behavior based on individual student needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WF in a 200-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) until eligible to reenter the nursing curriculum sequence. Offered fall and spring. Three semester hours

NURS 293. Clinical Success – The purpose of this course is to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opportunities for growth in clinical practice and professional behavior, based on individual stident needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WF in a 200-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) after successful completion of NURS 292, until eligible to re-enter the nursing curriculum sequence. Offered fall and spring. Two semester hours.

Non-licensed and LPN to RN students may only enroll in NURS 300 level courses upon acceptance into the nursing major through the progression application process.

NURS 301M. RN Transition Course - An overview of the theories and concepts of holistic, professional nursing. The nursing process is discussed as a critical thinking and problem-solving tool for identifying client problems and for initiating independent and collaborative nursing interventions. Prerequisites: Current RN licensure and practice. Co-requisite: NURS 301C-M. Offered spring term each year. Three semester hours; three clock hours.

NURS 301C-M. RN Transition Course: Clinical - Opportunities to utilize and test the nursing process in identifying and initiating independent and collaborative nursing interventions within simulated and clinical practice setting. Previously learned technical nursing arts and skills are validated. Co-requisite: NURS 301M. Offered spring term each year. Two semester hours; six clock hours.

NURS 302M. RN to BSN Health Assessment - An expansion and refinement of existing knowledge, observational, interactional, and psychomotor skills required for assessing the health status and needs of adult clients. Pre-requisites: Current RN licensure and practice; Biology 250, 251 or equivalents; NURS 301M, 301C-M. Co-requisite: NURS 302L-M. Offered summer term each year. Three semester hours; three clock hours.

NURS 302L-M. RN to BSN Health Assessment Lab - Opportunities to expand and refine assessment modalities of inspection, palpation, percussion, and auscultation are provided. Students are expected to conduct and document regional and comprehensive physical examinations through video and written verification. Co-requisite: NURS 302M. Offered summer term each year. One semester hour; two clock hours.

NURS 305. Nursing Pharmacology I - The first of two sequential courses covering the pharmacology, pharmacokinetic, and pharmacodynamic processes relevant to clinical nursing practice. Concentration is placed on the study of prototypical drugs, their classification, their effect on human beings, and the implications for nursing practice. Pre/co-requisites: NURS 310/310C. Offered fall term each year. Two semester hours; two clock hours.

NURS 306. Nursing Pharmacology II - A continuation of Pharmacology I and the pharmacokinetics and pharmacodynamic processes relevant to clinical nursing practice. Concentration is placed on the study of prototypical drugs, their classification, their effects on human beings, and the implications for nursing practice. Pre-requisite: NURS 305. Two semester hours; two clock hours.

NURS 310. Adult Medical/Surgical Nursing I - A presentation of adult medical/surgical problems that interfere with client health status. Through the use of the nursing process, complex intervention modalities are discussed. Pre/co-requisites: NURS 305 and 310C. Offered fall term each year. Three semester hours; three clock hours.

NURS 310C. Adult Medical/Surgical Nursing I Clinical - A practicum experience providing opportunities within a variety of clinical settings to utilize the nursing process to implement complex intervention modalities with clients experiencing actual or potential medical/surgical health problems. Co-requisite: NURS 310. Offered fall term each year. Two semester hours; six clock hours.

NURS 313. Maternal/Child Nursing - A focus on the pregnant woman, neonate, and family. Course content addresses commonly experienced problems of this population during the childbearing process. Nursing interventions specific to these problems are presented. Co-requisite: NURS 313C. Offered fall and spring term. Three semester hours; three clock hours.

NURS 313C. Maternal/Child Nursing Clinical - A practicum experience providing opportunities within a variety of healthcare and community settings to utilize the nursing process to implement complex intervention modalities with clients experiencing actual or potential health problems associated with the childbearing process. Co-requisite: NURS 313. Offered fall and spring term. Two semester hours; six clock hours.

NURS 320. Adult Medical/Surgical Nursing II - A continuing presentation of NURS 310 and medical/surgical problems that interfere with client health status. Through the use of the nursing process, complex intervention modalities are discussed. Prerequisites: NURS 305, 310/310C. Co-requisite: NURS 306 and 320C. Offered spring term each year. Three semester hours; three clock hours.

NURS 320C. Adult Medical/Surgical Nursing II Clinical - A practicum experience providing continuing opportunities within a variety of clinical settings to utilize the nursing process to implement complex intervention modalities with clients experiencing actual or potential medical/surgical health problems. Co-requisite: NURS 320. Offered spring term each year. Two semester hours; six clock hours.

NURS 323. Pediatric Nursing - A focus on the developmental level and commonly experienced physiological and psychosocial problems of infants, children, adolescents, and their families. Complex intervention modalities specific to the pediatric client population are presented through the use of the nursing process. Co-requisite: 323C. Offered fall and spring term. Three semester hours; three clock hours.

NURS 323C. Pediatric Nursing Clinical - A practicum experience providing opportunities within a variety of healthcare and community settings to utilize the nursing process to implement complex intervention

modalities with pediatric clients experiencing actual or potential health problems. Co-requisite: NURS 323. Offered fall and spring term. Two semester hours; six clock hours.

NURS 350L/350L-M. Introduction to Nursing Research Lecture - A focus on developing an understanding and use of nursing research as a basis for professional nursing practice. Students are introduced to the steps of the nursing research process and evaluation and critique of nursing literature. Pre/co-requisites: MATH 213 or equivalent; progression into the nursing major, admission to ADCP RN to BSN or instructor permission. NURS350L-M limited to ADCP RN-BSN students. Offered fall and spring term each year. Two semester hours: two clock hours.

NURS 350S/350S-M. Introduction to Nursing Research Discussion Section - A focus on developing an understanding and use of nursing research as a basis for professional nursing practice. Students apply the foundations of qualitative and quantitative research to critically analyze and critique nursing research, formulate a research question and research proposal. Pre/co-requisites: MATH 213 or equivalent, NURS 350L/350L-M; progression into the nursing major, admission to ADCP RN to BSN or instructor permission. NURS 350S-M limited to ADCP RN-BSN students. Offered fall and spring term each year. One semester hour; one clock hour.

NURS 390. Independent Study - Special topics and/or experiences not addressed within the curriculum and non-substitutable for required courses in the major but of special interest to the student. Course work is accomplished independently under a pre-approved contract with a designated faculty member. Prerequisite: departmental approval for the proposal. To be arranged. One to three semester hours; one to three clock hours.

NURS 391M. Clinical Exploration in Nursing - Supervised preceptorship in various agencies allowing the student additional reflection and evaluation of clinical practice. Open to students eligible to enroll in NURS 300 level courses. Offered every term, including summer. One to four semester hours.

NURS 392. Testing Taking Strategies and Clinical Success - A course to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opportunities for growth in clinical practice, use of NCLEX-RN test taking strategies and professional behavior based on individual student needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WF in a 300-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) until eligible to reenter the nursing curriculum sequence. Offered fall and spring. Three semester hours

NURS 393. Clinical Success – The purpose of this course is to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opportunities for growth in clinical practice and professional behavior, based on individual stident needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WFin a 300-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) after successful completion of NURS 392, until eligible to re-enter the nursing curriculum sequence. Offered fall and spring. Two semester hours.

All required 300 level nursing courses must be completed before a non-licensed or LPN to RN student may enroll in 400 level nursing courses with the exception of nursing electives with instructor permission.

NURS 403. Psychiatric Mental Health Nursing - A focus on the psychotherapeutic management associated with mental health, mental illness, and chemical substance abuse, including pharmacology, therapeutic nurse client communication, and environmental considerations. Through the use of the nursing process, complex intervention modalities are discussed. Co-requisite: NURS 403C. Offered fall term each year. Three semester hours; three clock hours.

NURS 403C. Psychiatric Mental Health Nursing Clinical - A practicum experience in a variety of in-patient and community-based settings designed to provide students with opportunities to promote mental health and provide independent and collaborative nursing interventions for clients diagnosed with mental illness. Co-requisite: NURS 403. Offered fall term each year. Two semester hours; six clock hours.

NURS 410. Critical Care Nursing - The study of actions and reactions that place a client in a potential or actual life-threatening state. Using the nursing process format, critical care interventions are discussed. Co-req: NURS 410C. Offered fall term each year. Three sem hrs; three clock hours.

NURS 410C. Critical Care Nursing Clinical - A clinical practicum experience providing opportunities, within a high-tech setting, to utilize the nursing process to implement critical care intervention modalities with clients experiencing potential or actual life-threatening states. Co-requisite: NURS 410. Offered fall term each year. Two semester hours; six clock hours.

NURS 420. Nursing Leadership and Management - An examination of nursing care within a rapidly changing health care delivery system. Leadership skills and management strategies necessary for appropriate and effective holistic nursing care are explored and analyzed. The use of outcome measures to promote quality and cost-effective health care in various organizations and health care delivery systems is emphasized. Prerequisites: NURS403/403C and 410/410C. Co-requisite: NURS 420P. Offered spring term each year. Three semester hours; three clock hours.

NURS 420P. Nursing Leadership and Management Preceptorship - An intensive clinical practicum experience focusing on the application of the nursing management process for organizing and facilitating the delivery of comprehensive, holistic, efficient, and effective nursing care to groups of clients in a variety of settings. Students are expected to demonstrate competencies of professional accountability and responsibility within established standards and guidelines. Co-requisite: NURS 420. Offered spring term each year. Three semester hours; twelve clock hours.

NURS 421M. Nursing Leadership, Management and Professional Role Integration - Building upon existing RN practice experience, an examination of nursing care within a rapidly changing health care delivery system. Leadership skills and management strategies necessary for appropriate and effective holistic nursing care are explored and analyzed. The use of outcome measures to promote quality and cost-effective health care in various organizations and health care delivery systems is emphasized. Pre-requisites: Current RN licensure and practice; NURS 422M, 422C-M. Co-requisite: NURS 421P-M. Offered summer term each year. Three semester hours; three clock hours.

NURS 421P-M. Nursing Leadership, Management and Professional Role Integration Practicum - Building upon existing RN practice experience, an intensive clinical practicum experience focusing on the application of the nursing management process for organizing and facilitating the delivery of comprehensive, holistic, efficient, and effective nursing care to groups of clients in a variety of settings. Co-requisite: NURS 421M. Offered summer term each year. Three semester hours; twelve clock hours.

NURS 422/422M. Nursing in Community Health Systems - A focus on the concepts and skills required by nurses to promote and preserve the health of populations within existing public health infrastructures and in developing community partnerships. Concentration is placed on independent and collaborative nursing interventions used to meet the health care needs of a variety of aggregate and "at risk" community populations. Prerequisites: NURS 403/403C and 410/410C, or equivalents. Co-requisite: NURS 422C/422C-M. NURS 422-M open only to students enrolled in the ADCP RN to BSN program. Offered spring term each year. Three semester hours; three clock hours.

NURS 422C/422C-M. Nursing in Community Health Systems Clinical - A clinical practicum experience that provides students

opportunities to practice the role of the community health nurse within the current public health care delivery system. Students are also assigned to work with a variety of at risk aggregate population groups within the community in order to assess their health needs, and design and implement appropriate independent and collaborative nursing interventions. Co-requisite: NURS 422/422M. NURS 422C-M open only to students enrollend in the ADCP RN to BSN program.Offered spring term each year. Two semester hours; six clock hours.

NURS 460. Nursing Capstone Seminar - A seminar course designed to promote review, reflection, and integration of all nursing curriculum content. The course includes completion of the application process, in-depth review, preparation for the NCLEX-RN examination, and nursing major outcomes assessment testing at designated passing standards. Students not completing the outcomes assessment testing at the designated passing standard during their initial enrollment in NURS 460 (spring semester of their senior year) will complete a remediation plan(s) and retest in subsequent terms until course outcomes are met. Students who do not meet course outcomes in their initial semester of enrollment must register for NURS 460 each subsequent term, beginning with Summer Term I, until course requirements are met **(see "Capstone Assessment" under Nursing Program catalog description).** Enrollment limited to students in their last semester of nursing curriculum. Offered every term including summer. One semester hour.

NURS 490. Independent Study - Special topics and/or experiences not addressed within the curriculum and non-substitutable for required courses in the major but of special interest to the student. Coursework is to be accomplished independently under a pre-approved contract with a designated faculty member. Prerequisites: Department approval of proposal. Option available every term. One to three semester hours; one to three clock hours.

NURS 491M. Clinical Exploration in Nursing - Supervised preceptorship in various agencies allowing the student additional reflection and evaluation of clinical practice. Prerequisite: Open to students eligible to enroll in 400 level nursing courses. Offered every term including summers. One to four semester hours.

NURS 492. Test Taking Strategies and Clinical Success - A course to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opportunities for growth in clinical practice, use of NCLEX-RN test taking strategies and professional behavior based on individual student needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WF in a 400-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) until eligible to reenter the nursing curriculum sequence. Offered fall and spring. Three semester hours

NURS 493. Clinical Success – The purpose of this course is to assist students who experience challenges with meeting didactic and/or clinical nursing course outcomes. Opporunities for growth in clinical practice and professional behavior, based on individual stident needs are emphasized. Required of all students earning a grade of C- or lower, W, WP, or WF in a 400-level nursing course required for the BSN degree. The student must enroll each semester (excluding summer) after successful completion of NURS 492, until eligible to re-enter the nursing curriculum sequence. Offered fall and spring. Two semester hours

NURS 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

NURS 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

NURS 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour

PHILOSOPHY

PHIL 151. Logic - A study of the principles of correct reasoning. The course consists of a survey of the basic concepts of logic, the uses and abuses of language in everyday discourse, the concepts of inductive and deductive reasoning, and effective application of those concepts in the development and analysis of arguments in a wide variety of fields. Offered fall term each year. Three semester hours.

PHIL 230. Islam: Faith and Practice – An introduction to Islam, including its early history, its theology, and its cultural expressions. Offered fall term even years. Three semester hours.

PHIL 250. African Religions in the Americas - With the arrival of Europeans in the African continent, many Africans were forced into slavery and migration to the USA, Caribbean, and Latin America. Upon arrival in the new world, they reconstructed some of their traditions and religions. These religions are now organized as Brazilian Candomble, Caribbean Santeria, and Haitian/New Orleans voodoo. For their survival in the new world, some have employed Christian symbols and given them novel interpretations. In addition to exploring their historical developments, the course will attempt to examine the inner workings of each of these religions in light of their impact in the western society as well as their interaction with Christianity. Offered occasionally. Three semester hours.

PHIL 260. African Religions and Philosophy – This Course explores the development and impact of African Religions and thought in various social and historical contexts. Variety of methodologies including phenomenology, anthropology and sociology will be appropriately considered. The course content will include African world-view and cosmology. Some of the specific themes include concepts of God, divine intermediaries, sacrifices, rituals, divination, healing and human destiny. It will also examine African cultures and their historical interactions with the divine and the ethical implications therein. The Course will also explore the interactions between African Religions with Christianity and Islam. A central goal is to understand how African Religions have endured in Africa and beyond. Offered occasionally. Three semester hours.

PHIL 301. How to Live Well: Ancient Philosophy and Enduring Questions - An introduction to the ancient philosophical traditions that have shaped and continue to shape the West. Focuses primarily on the works of Plato and Aristotle but also attends to the so-called Pre-Socratics and to some later Hellenistic and Roman philosophers. Offered occasionally. Three semester hours.

PHIL 302. Modern Western Philosophy and Its Critics - An introduction to several modern philosophical traditions that have shaped and continue to shape the West. Focuses not only on important modernist philosophers (such as Descartes, Locke, and Kant), but also their modernist and postmodernist critics. Offered occasionally. Three semester hours.

PHIL 321. Ethics - An introduction to the character of ethical reflection through the study of important philosophical texts and traditions of moral reflection, as well as through contemporary literature and film. Offered fall term odd years. Three semester hours.

PHIL 350. Religions of the World - An introduction to a wide variety of religious traditions, such as Buddhism, Hinduism, Islam, Judaism, and others. This course fulfills the **ethnic studies** course requirement in the general education core. Offered spring term alternate years. Three semester hours.

PHIL 360. Introduction to Literary Theory and Criticism - A survey of the theory and practice of literary criticism, designed to provide knowledge of the underpinnings of the discipline and a primary conversance with the major approaches. Cross listed as ENGL 360. Offered fall term even years. Three semester hours.

PHIL 370. The Art of Persuasion - An exploration of the fundamental features of rhetoric primarily using classical Greek and Roman theory. That theory is applied to modern attempts to persuade, but also the use of emotion, character, and style. Students will analyze and evaluate speeches and texts. Offered fall semester odd years. Three semester hours.

PHIL 450. Cultural Studies – A study of the major figures and works in the field of literary theory. This course will continue to build upon principles introduced in ENGL 360. Prerequisite: ENGL 360 or permission of instructor. Cross listed as ENGL 450. Offered spring term odd years. Three semester hours.

PHIL 460. History of Economic Thought - A study of the development of economics from its roots in Ancient Greek philosophy to the various schools of thought currently in existence. The philosophical framework and historical success of various modes of economic organization are compared. Emphasis is placed on how historical context and individual background of economic thinkers influenced their perspective on the organization of resources in society. Prerequisite: ECON 201 and 202. Offered spring term even years. Three semester hours.

PHIL 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

PHIL 490. Directed Studies - A program of readings and conferences which provides for individualized study. One to three semester hours.

PHIL 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

PHYSICS

PHYS 104. Earth and Space Science - A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for those pursuing licensure. Offered fall and spring terms. Available as either a lab course with three hours lecture and one two-hour laboratory per week or as a lecture course with three hours lecture per week. Three or four semester hours.

PHYS 108. How Things Work - A non-major science course which investigates the application of basic physics principles to the objects around us. Topics include mechanics, heat, light, sound, and electricity. Three hours lecture and one two-hour laboratory per week. Offered occasionally. Four semester hours.

PHYS 203-204. General Physics/Calculus - A study of the fundamental principles of mechanics and thermodynamics in the first semester and electricity and magnetism, wave motions, sound, light, and modern physics in the second semester. Prerequisite: MATH 171 or 211. Offered as a year sequence beginning with the fall term each year. Three hours lecture and one three-hour laboratory weekly. Four semester hours each semester.

PHYS 311. Wave Phenomena - An introduction to waves in mechanical, electronic, and optical systems, which teaches students mathematical methods in physics such as complex variables and Fourier analysis. Topics include simple oscillations, resonance, superposition, normal modes, traveling waves, electromagnetic waves, interference, and diffraction. Prerequisites: MATH 212 and PHYS 204 or consent of the instructor. Offered occasionally. Four semester hours.

PHYS 351. Quantum Mechanics - Analysis of atomic scale systems, including experimental background, solutions of Schrödinger's equation, quantization of angular momentum, and applications and interpretations. Prerequisite: PHYS 311 or consent of the instructor. Offered occassionally. Four semester hours.

PHYS 352. Analytical Mechanics - Analysis of the motion and energy of macroscopic particles and rigid bodies. Topics include equations of motion, central forces, gravitation and orbits, rotating systems and bodies, Lagrangian and Hamiltonian analysis, and generalized coordinates. Prerequisite: PHYS 311 or consent of the instructor. Offered occassionally. Four semester hours.

PHYS 354. Thermal Physics - Analysis of the statistical mechanics of microstates and entropy as the formal basis for thermodynamics of gases, heat engines, and kinetic theory. Prerequisite: PHYS 311 or consent of the instructor. Offered occasionally Four semester hours.

PHYS 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics vary from semester to semester. Offered as needed. One to three semester hours.

PHYS 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

PHYS 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

PHYS 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

POLITICAL SCIENCE

POLS 120. American National Government – A survey of the structure and function of the American national government. Special attention is given to the historical development of the American Constitution and the modern relationship between the three branches of government. Offered fall term each year. Three semester hours.

POLS 203. State and Local Government – A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Offered spring term even years. Three semester hours.

POLS 210. Introduction to International Relations – A survey of the interactions between states, and the theories that attempt to explain these relationships. Issues facing the international community such as nuclear disarmament, human rights, and security are also examined. Offered spring term each year. Three semester hours.

POLS 215. China and the World – An introduction to the multifaceted Chinese society through key topics in Chinese history, religion, economic reforms and development, political systems and governments, international relations, energy and environment, and social issues. This course is designed to develop an understanding and working knowledge of key concepts, events, and systems that shape and transform China in its political, economic, and cultural life. This course fulfills the **ethnic studies** requirement in the general education core. Offered fall semester odd years. Three semester hours.

POLS 230. Politics and Culture of Latin America – An introduction to modern Latin America. Particular concentration is placed on the political culture and recent democratization (or lack thereof) throughout Central

America, South America, and the Caribbean. Specific countries and case studies are used to illustrate general political trends throughout the region. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fall term odd years. Three semester hours.

POLS 240. Sustainability and Society – An introduction to sustainability. This course introduces the principles of sustainability and provides a general understanding of key sustainability topics, including the history of the sustainability movement, energy poverty, natural resources, and sustainability in buildings and transportation. This course targets some of the most important issues that humans are facing today. It is designed to provide a foundational knowledge of the vocabulary, concepts, and principles in the field of sustainability. Offered spring semester odd years. Three semester hours.

POLS 250. American Foreign Policy – An analysis of trends, patterns, and change in the making of American foreign policy since World War II. Issues of internationalism, isolationism, power, morality, and pragmatism will be analyzed and used as a lens to understand the foreign policy making process. Offered fall term even years. Three semester hours.

POLS 280. Introduction to Peace and Justice Studies – An introduction to the nature of peace and justice, both on a societal level and in an interpersonal context. This course will survey the interplay between economic, environmental, political, and societal systems that lead to injustice and violence, as well as analyze destructive and constructive human emotions and responses to conflict. Concentration will be given to classic and contemporary concepts and methods of peacemaking, such as truth and reconciliation commissions, nonviolent civil resistance, and deep listening. Offered spring term odd years. Three semester hours.

POLS 290. Independent Study – Individualized study to enable the student either to study material in a field not now in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. To be arranged. One to three semester hours.

POLS 295. Seminar - A political science seminar designed to promote lectures, discussion, research, and writing at an introductory level in areas not included in the regular course offerings. Topics considered vary from semester to semester. Offered occasionally. Three semester hours.

POLS 304/304M. Law, Politics, and Global Development - An examination of the function of law and politics in both domestic and international economic development. Concentration will be given to understanding the importance and influence of governmental institutions and specific laws upon individual societies, in particular, developing countries. POLS 304 or 304M offered spring term odd years. Cross-listed as LS/POLS 304. Three semester hours.

POLS 310. Philosophy of Law – A detailed study of judicial decision-making and its relationship to the handling of disputes at different levels of the legal structure and various stages of the legal process. Using case-law materials, the techniques of legal reasons and styles of legal thinking, along with the ways in which judicial decisions are able to respond to the demands of social change, are investigated. Consideration is given to techniques of reading legal texts, strategies of interpretation, legal reasoning, decision-making, and persuasion. Cross-listed as LS 310. Offered fall term even years. Three semester hours.

POLS 315. Wars and Revolutions in Asia – Through the lens of wars and revolutions, this course focuses on the transformative events in key countries of Asia from late 19th century to today. Building on historical reviews and analyzing modern political and economic theories, this course discusses the implications of wars and revolutions in different countries and compares different countries in their responses to common or similar internal and external challenges. Wars and revolutions include but are not limited to: Opium Wars, Meiji Restoration, Russo-Japanese War, Sino-Japanese War, Indian Independence Movement,, Great Leap Forward, Cultural Revolution, energy revolution, and information revolution. Offered term even years. Three semester hours.

POLS 320. Constitutional Law – A survey of the historical development of the American Constitution with concentration on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual, and in securing civil rights. Offered fall term odd years. Three semester hours.

POLS 330. Public Policy – An examination of different political policies in the United States, how these policies are created, and their consequences. Possible topics include healthcare, education, taxation, environmental regulation, and immigration. Offered spring term odd years. Three semester hours.

POLS 340. Politics and the Media – A study of political communication and the relationship between the "fourth branch" and American political institutions. Particular topics include news and dissemination of information, news as entertainment, and the language and discourse of politics. Offered fall term odd years. Three semester hours.

POLS 360. The Presidency – An examination of the American presidency as a political institution, and of the leadership of the people who have held this position. Offered fall term odd years. Three semester hours.

POLS 370. Political Problems of Developing Countries – A survey of the political institutions and economic problems of the developing countries found in Latin America, Asia, and Africa. Particular attention is paid to the consequences of political decisions on economic development. Offered spring term even years. Three semester hours.

POLS 380. Comparative Politics – A systematic survey of the political institutions and behavior of various countries. The operation of contemporary governments around the world is highlighted. Offered spring term odd years. Three semester hours.

POLS 402. Political Theory – An in-depth examination of major political theories in western thought and their implications for the state, the individual, progress, freedom, and justice. Offered spring term odd years. Three semester hours.

POLS 460. Tennessee Intercollegiate Legislature – A course preparing students to compete at the Tennessee Intercollegiate Legislature in Nashville. Students will conduct in-depth research on the state government in Tennessee, write a draft resolution, and engage in research projects, debate, oral reports, and simulation. Offered as available. May be taken for one to three semester hours.

POLS 470. Politics, Religion, and International Conflict – An examination of the role of religion within international political conflicts, including the relationship between religious communities and violence. Particular attention is paid to the conditions under which religion can aggravate or alleviate conflict. The course uses recent historical and contemporary case studies to explore the influence of religion on disputes regarding statehood, political independence, and terrorism. Offered fall term even years. Three semester hours.

POLS 480. Model United Nations – A survey of the history and work of the United Nations and its role in contemporary politics. Students will conduct in-depth research on a specific country's role within the United Nations, and engage in research products, debate, oral reports, and in-class simulation in order to prepare for competition at a regional Model United Nations meeting. Offered as available. May be taken for one to three semester hours.

POLS 489. Directed Readings – Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: POLS 120. To be arranged. One to three semester hours.

POLS 490. Directed Studies – A program of readings and conferences which provides for individualized study. To be arranged. One to three semester hours.

POLS 491. Field Work – A practicum experience that involves the student in a supervised position in government for the joint purpose of learning about government and possible professional choices. Credit hours are based on work hours during the semester with one credit hour assigned for each 45 work hours.Prerequisite: POLS 120. To be arranged. One to three semester hours.

POLS 494. Capstone Seminar – A seminar designed to promote in-depth discussion, independent research, and writing regarding such issues as Christianity, law, governance, politics, and social justice. Cross-listed as LS 494. Offered spring term even years. Three semester hours.

POLS 495. Seminar – A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 120. To be announced. One to three semester hours.

POLS 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

POLS 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

POLS 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

PSYCHOLOGY

PSYC 150/150M. General Psychology - An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. PSYC 150 and/or 150M offered every term. Three semester hours.

PSYC 170. Puzzle of Life – A course designed to raise students' self-awareness by asking them to explore their personal value systems, attitudes toward relationships, personality styles, and philosophy toward money. The course examines and encourages healthy relationship dynamics, responsible money management, and thoughtful examination of students' own behaviors. All of these will be considered in light of students' values, personality types, and developmental stages. Offered spring term each year. Three semester hours.

PSYC 200/200M. Career Preparation in Psychology - An introduction to career options for psychology students. The course helps students to understand the variety of sub-fields within psychology and the different careers that are available within each. Students begin to explore career options and make preparations for reaching occupational goals, such as getting into graduate school. PSYC 200 or 200M offered spring term each year. One semester hour.

PSYC 252/252M. Developmental Psychology - An introduction to development through the entire life span, the realms of emotional, social, physical, and cognitive growth and change; the major theories of development, the interactions and reciprocities among physical, psychological, social, familial, and individual issues. The study is applicable to students in psychology, nursing, education, ministry, and any student who desires a knowledge and appreciation of change and stability, growth and atrophy, throughout life. PSYC 252 and/or 252M offered every term. Three semester hours.

PSYC 253. Child Development - An in-depth study of the physical, cognitive, social, and emotional development of the child from birth through adolescence. Development, care, and guidance of the child are examined in relationship to major theories of child and adolescent development. This course is designed for professionals who work with infants, children, and adolescents in a variety of settings. Offered spring term each year. Three semester hours.

PSYC 253B. Child Development - An in-depth study of the physical, cognitive, social, and emotional development of the child from birth through adolescence. Development, care, and guidance of the child are examined in relationship to major theories of child and adolescent development. This course is designed for professionals who work with infants, children, and adolescents in a variety of settings. Offered first term. Three semester hours.

PSYC 254. Adolescent Development - An introduction to the stage of adolescence including focus on physical, psychological, and primarily emotional development during the teen years. Adolescence is a critical period of development in which one's identity as an individual grows significantly. The tools of this course are the biographies of adolescents, materials from popular culture, and readings of the social nature of the lives of teens. Offered spring term odd years. Three semester hours.

PSYC 259. Research Methods in Psychology I - A study of research methodologies in psychology with special concentration upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite or corequisite: PSYC 150 or Mathematics 213. Offered every fall and spring terms. Three semester hours.

PSYC 260. Sport Psychology - An overview of the psychological factors affecting behavior in exercise and sport settings. The course examines the major topics in sport psychology, including personality, motivation, arousal, imagery, goal setting, and burnout. The goal is that students would be able to apply this knowledge to instructional, training, and rehabilitation settings. Offered spring term each year. Three semester hours.

PSYC 270. Positive Psychology – An overview of the field of positive psychology. As such, attention is given to the study of the psychological aspects of a fulfilling and flourishing life, rather than psychology's traditional focus on psychopathology. Attention is given to how individuals reach their highest potential and how they live meaningful lives. Students are challenged to apply the emerging findings in the field to their own lives. Offered periodically. Three semester hours.

PSYC 290. Independent Study - Individual study to enable the student either to examine material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. Offered as needed. One to three semester hours.

PSYC 350. Social Psychology – An examination of the individual within a social context. The course covers current psychological theories regarding how people's thoughts, feelings and behaviors are influenced by the actual, imagined or implied presence of others. Topics include self-concept, social cognition, social influence, and social relationships. Offered every fall and spring terms. Three semester hours.

PSYC 353. Theories of Personality - An examination of major theories of personality from the late 1800s to the present. The course focuses particularly on founders and influential theorists associated with the major theories. Each theory is examined in terms of a Christian worldview. Prerequisite: PSYC 150. This course is open to juniors and seniors. Offered fall term each year. Three semester hours.

PSYC 356. Cross-Cultural Psychology - An examination of culture's influence on behavior and thought. Students are expected to develop an understanding of cultural diversity from a psychological perspective. Students have the opportunity to participate in a service-learning

experience throughout the semester and visit culturally relevant sites on a class trip. The course includes explorations of cross-cultural perspectives on cognition, intelligence, health, emotion, communication, human development, personality, psychological disorders, and social behavior. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fall term each year. Three semester hours.

PSYC 356B. Cross-Cultural Psychology - An examination of culture's influence on behavior and thought. Students are expected to develop an understanding of cultural diversity from a psychological perspective. Students participate in a cultural--learning experience throughout the term. The course includes exploration of cross-cultural perspectives on cognitive, intelligence, health, emotions, communication, human development, personality, psychological disorders, and social behavior. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fourth term. Three semester hours.

PSYC 357. Interpersonal Relationships and Helping Skills - An introduction to the theories of counseling and psychotherapy with some concentration on practicing the skills that constitute the counseling process. Class members observe and practice applications and implementation of techniques in the therapeutic process. The course encourages a balanced view of the major contributions, strengths, and limitations of various therapies. Offered spring term even years. Three semester hours.

PSYC 358. Abnormal Psychology - This course provides the student with an overview of the etiology, diagnosis, course, and treatment of abnormal behavior from multiple perspectives. Topics covered include research methods in abnormal psychology, assessment and treatment of anxiety and mood disorders, disorders of the mind and body, psychotic disorders, and life-span problems. Offered spring term each year. Three semester hours.

PSYC 370/370M. Mental Health Issues in Children – A course exploring the concept of childhood mental health issues. The course examines the current methods of assessing and treating mental illness in childhood, describes a number of childhood behavior disorders, and explores the etiology, treatment, and current controversies in each area. PSYC 370 or 370M offered fall term even years. Three semester hours.

PSYC 380/380M. Media Effects on Children and Adolescents - A seminar course in media literacy with an emphasis on the psychological, social, and educational effects on children and adolescents. The course includes discussion of the evolving nature of media and laws governing them. Such media include television, movies, the Internet, newspapers, magazines, music, and interactive video games. Discussion and assignments focus on the relative impact of these media on things such as body image, drug and alcohol use, sexuality, sociability, morality, and cognitive development. An emphasis is placed on becoming a media literacy advocate within one's own family, school, and community. Offered occasionally. Cross-listed as COMM 380 and EDUC 380. Three semester hours.

PSYC 401. History and Systems of Psychology - An overview of the historical context as well as the social and cultural milieus in which contemporary psychological theories evolved. History and Systems of Psychology is a capstone course and should be taken in the senior year. Offered spring term each year. Three semester hours.

PSYC 422. Learning and Cognition - A study of basic principles of learning, cognition, and memory and their applications. The controversy of the relative effects of nature and nurture on learning is studied, as are types of learning and cognition and their methods of acquisition. Offered fall term each year. Three semester hours.

PSYC 427. Physiological Psychology - An examination of current developments in the field of physiological psychology. The course includes an exploration of the physiological bases of emotion, sleep, sexual behavior, hunger and thirst, learning and memory, psychopathology, and drug use and abuse. Prerequisites: PSYC 150 and 259. Offered every spring. Three semester hours.

PSYC 435. Child Sexual Abuse - An examination of current research and theory regarding child sexual abuse, including prevalence, causes, dynamics, consequences, and prevention. Attention is given to treatment approaches and techniques in working with individuals and families involved in sexual abuse situations. This course is open to juniors and seniors. Offered intermittently. Three semester hours.

PSYC 470. Human Sexuality - An examination of human sexuality from physiological, psychological, cultural, and spiritual perspectives. Sexuality will be viewed from within a Christian value framework. The course is open to juniors and seniors. Offered fall term alternate years. Three semester hours.

PSYC 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. To be arranged. One to three semester hours.

PSYC 490. Directed Studies - A program of readings and conferences which provides for individualized study. To be arranged. One to three semester hours.

PSYC 491. Field Work in Psychology - Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs and work with other agencies. Credit hours are based on work hours during the semester with one credit hour assigned for each 45 work hours.Prerequisite: consent of the instructor. Offered every term. One to six semester hours.

PSYC 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. To be announced. One to three semester hours.

PSYC 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

PSYC 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

PSYC 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour

SOCIAL WORK

SOWK 210. Introduction to Social Work – An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to the historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Offered fall term each year. Three credit hours.

SOWK 220. Innovation for Social Change – An exploratory course looking at creative solutions to social problems. This course will provide space for innovative design thinking where each class will highlight a different creative method in the form of interactive workshops. Students will learn to be proactive, critical, creative thinkers and problem solvers using interdisciplinary approaches. This course is a great addition for any student regardless of academic major or career choice. Offered fall term of odd years. Three semester hours.

SOWK 295. Seminar – A seminar designed to promote lectures, discussion, research, and writing at an introductory level in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOWK 310. Human Behavior in the Social Environment – A study of human behavior from a person-in-environment perspective. The course is designed to help the student recognize the unique challenges confronting individuals and families at both the micro and macro levels. Special emphasis will be placed on understanding the relationship between the individual and various systems impacting the individual including the social, psychological, and spiritual-cultural systems. Adaptive strategies that people employ to cope with adversity will be examined. Examination of a strength-based, problem-solving approach, which constitutes the assessment phase of generalist practice at the micro level, will be emphasized as well. Offered spring every year. Three semester hours.

SOWK 330. Nature Therapy- A course in which students learn and experience the physical, mental, and spiritual benefits of nature. Nature Therapy is a postmodern experiential approach based on the integration of elements from art and drama therapy, Gestalt, narrative, eco-psychology, transpersonal psychology, adventure therapy, and body-mind practices. Students of all abilities can participate fully. The course will consist of a combination of classroom time, field time engaged in nature, and one weekend retreat to be announced at registration. All field experiences must be discussed with the instructor in advance for approval, but a wide range of options exist, including but not limited to "forest bathing", outdoor yoga, hiking, biking, and many more. For each hour of credit, 45 hours of field experience in nature is required. All credit options are expected to attend the weekend retreat. A course fee to cover the retreat will be assessed at registration. Offered fall term each year. 1 to 3 semester hours.

SOWK 350. International Development: Theories and Practices – An introductory course on the theories and practices of international development. Students will explore the work of leading researchers and practitioners in the field of development and will study development theory, grassroots initiatives, sustainability, Christian perspectives on poverty and development, and how to create transformational programs. This course will prepare students to look at international development critically and to examine best practices from around the world. Offered fall term odd years. Three semester hours.

SOWK 360. Community Development – A course devoted to the principles of community development to build assets that increase the capacity of residents to improve their quality of life. Such assets include several different forms of community capital: physical, human, social, financial, political, cultural, and environmental. Much of the course is devoted to the principles of community development in advanced societies, but many of the concepts and theories apply to developing countries as well. Offered spring semester of odd years. Three semester hours.

SOWK 370. Social and Public Policy – A course that presents historical and contemporary theories and analyses of U.S. policies in the public and social arenas. Students will recognize the historical and cultural influences that affect policy as well as learn to research, analyze, and advocate for policies that advance social, economic, and environmental justice. Topics include social welfare, immigration, health care, prison system, and education. Offered spring of odd years. Three semester hours.

SOWK 380. Social Work Ethical and Professional Behavior – A course in which students learn to make ethical decisions by applying the standards of the NASW Code of Ethics, relevant laws and regulations, models for ethical decisional-making, ethical conduct of research, and additional codes of ethics as appropriate to context. Students will engage in reflection and self-regulation to manage personal values and maintain professionalism in practice situations. The course will also highlight professional demeanor in behavior, appearance, and oral, written, and electronic communication. Offered fall term each year. Three semester hours.

SOWK 391. Generalist Practice in Social Work I – An introductory experience in an agency serving individuals, families, and/or communities. Students are supervised by the course instructor and a field instructor and receive feedback on the Social Work Education Competencies. SOWK 391 is to be arranged with the Field Education Director prior to beginning the field experience. A minimum of 135 hours of supervised experience is required. The course is structured for social work majors and minors. Prerequisite: SOWK 210. Offered every semester. Three semester hours.

SOWK 391I. International Field Work – A course in which students will experience social work practice in an international context, learn best practices that advance social and economic justice, develop awareness of personal culture and cross-cultural competency, and engage diversity and difference in practice. This course will take place in an international setting during the summer. Each week will involve trainings, community outreach opportunities, and collaborative educational assignments. This course is for social work students but is open to other majors based on advisor recommendation. All interested students must comply with an application process. A prerequisite for social work majors and minors is SOWK 210. A prerequisite for all other majors is one of the following: SOWK 210; SOCL 210; SOCL 211; PSYC 356; or SOCL 360. Offered intermittently. Three semester hours.

SOWK 450A. Practice Seminar - A course which offers students enrolled in SOWK 491A (Generalist Practice in Social Work II) the opportunity to gather as a group for regular debriefings, reviews, and discussions of situations encountered in the field. In addition, students will address other topics relevant to Social Work professional practice. Co-requisite: SOWK 491A. Offered every semester. One semester hour.

SOWK 450B. Practice Seminar - A course which offers students enrolled in SOWK 491B (Generalist Practice in Social Work II) the opportunity to gather as a group for regular debriefings, reviews, and discussions of situations encountered in the field. In addition, students will address other topics relevant to Social Work professional practice. Co-requisite: SOWK 491B (Generalist Practice in Social Work II). Offered every semester. One semester hour.

SOWK 460. Nonprofit Development – A course that will equip students with the skills and tools needed for developing and managing a nonprofit organization, such as strategic planning, human resource management, program development and evaluation, finance, and advisory board governance. Students will create their own (hypothetical) nonprofit organization and spend the semester developing the criteria as the course presents new theories and methods. Offered spring of even years. Three semester hours.

SOWK 491A. Generalist Practice in Social Work II - An intermediate experience in an agency serving individuals, families, and/or communities. Students are supervised by the course instructor and a field instructor and receive feedback on the Social Work Education Competencies. SOWK 491A is to be arranged with the Field Education Director prior to beginning the field experience. A minimum of 135 hours of supervised experience is required. The course is structured for students majoring in Social Work. Prerequisites: SOWK 391 and SOWK 380. Co-requisite: SOWK 450A. Offered every semester. Three semester hours.

SOWK 491B. Generalist Practice in Social Work III – An advanced experience in an agency serving individuals, families, and/or communities. Students are supervised by the course instructor and a field instructor and receive feedback on the Social Work Education Competencies. SOWK 491B is arranged with the Field Education Director prior to beginning the field experience. A minimum of 135 hours of supervised experience is required. The course is structured for students majoring in Social Work. Prerequisite: SOWK 491Aand SOWK 450A. Co-requisite: SOWK 450B. Offered every semester. Three semester hours.

SOWK 495. Seminar – A seminar designed to promote in-depth discussion, independent research, and writing at an advanced level in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOWK 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

SOWK 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

SOWK 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

SOCIOLOGY

SOCL 195. Seminar – A seminar designed to promote lectures, discussion, research, and writing at an introductory level in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCL 201/201M. Introduction to Sociology - A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. SOCL 201 or 201M offered every term. Three semester hours.

SOCL 210. Introduction to Cultural Anthropology - A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Available to sophomores, juniors, and seniors. This course fulfills the **ethnic studies** course requirement in the general education core. Offered spring semester. Three semester hours.

SOCL 211/211M. Social Problems - An application of sociological perspectives to understanding major problems confronted in American society and internationally. Topics include crime and delinquency; poverty; homelessness; substance abuse; family and sexual violence; urban problems; ethnic, racial, and political conflicts; and the social dimensions of environmental issues. This course involves students in a semester-long service-learning project serving the poor and homeless in the local community. Offered as needed. Three semester hours.

SOCL 215. Peoples and Cultures of Asia – A focus on the interrelated relationships among the Asian countries. Topics explored include ethnicities, histories, cultures, religions, political changes, and economic development projects. This course is designed to help the student develop an understanding of the peoples and cultures in Northeast Asia, Central Asia, Southeast Asia, and South Asia. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fall term even years. Three semester hours.

SOCL 240. Sustainability and Society – An introduction to sustainability. This course introduces the principles of sustainability and provides a general understanding of key sustainability topics, including the history of the sustainability movement, energy poverty, natural resources, and sustainability in buildings and transportation. This course targets some of the most important issues that humans are facing today. It is designed to provide a foundational knowledge of the vocabulary, concepts, and principles in the field of sustainability. Offered spring semester odd years. Three semester hours.

SOCL 303. Family - A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Available to juniors and seniors. Offered spring term each year. Three semester hours.

SOCL 312. Gender and Society - An examination of the social construction of femininity and masculinity and their consequences for individuals and societies. Topics include biological theories of gender differences, cross-cultural comparisons of gender expectations, childhood socialization, gender and the educational system, language and the media, gender and relationships, work and economic issues, and body image and health issues. Offered spring term even years. Three semester hours.

SOCL 314. Race and Ethnic Relations - A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: SOCL 201. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fall term even years. Three semester hours.

SOCL 321. Sociology of Death, Dying, and Bereavement - An exploration of current social science literature on death, dying and bereavement. The approach is cross-cultural, even though the concentration is on death and dying customs and practices in North America. Topics include causes and prevention of suicide; funeral customs and planning; living wills; issues concerning euthanasia and assisted suicide; children's experiences with death and bereavement; capital punishment; widowhood; and varied individual and cultural perspectives on the meaning of death. Offered intermittently. Three semester hours.

SOCL 360. Aspects of Intercultural Studies - A study of inductive and theoretical analyses of the various challenges which result when people from different cultures come into sustained contact and their differing cultural systems (e.g., family life, politics, economics, etc.) intersect in the contemporary world, with special attention to (1) effective approaches to meeting the challenges, and (2) effective communicative strategies. This course fulfills the **ethnic studies** course requirement in the general education core. Offered fall term odd years. Three semester hours.

SOCL 401. Sociological Research - An introduction to the logic and design of social research including methods of sample selection, questionnaire design, data collection, and informed interpretation of social science data. Prerequisite: SOCL 201 or permission of instructor. . Offered as needed. Three semester hours.

SOCL 413. Seminar in Aging - An application of sociological principles, theories, and research findings to the understanding of the process of aging, the relationship of the aged to other segments of the population, and aging in other cultures. Topics include economic needs and resources of older people, issues of health and health care, work and retirement, psychological and physical changes, marriage and other relationships, and death and bereavement. This course involves students in a semester-long service-learning project serving persons aged 65 or older in the local community. Offered periodically. Three semester hours.

SOCL 421. Sociology of Religion - A study of the dynamic relationships between religious and other social institutions with special attention to the contemporary American religious scene. Offered periodically. Three semester hours.

SOCL 451. Sociological Theory – A broad survey of sociological thought from the classical theorists in the nineteenth century to cutting-edge developments in the 21st century. The prerequisite for sociology minors is SOCL 201. Offered as needed. Three semester hours.

SOCL 489. Directed Readings - A supervised program of readings which provides for study of material not included in the regular course offerings. TBA. One to three semester hours.

SOCL 490. Directed Studies - A program of readings and conferences which provides for individualized study. To be arranged. One to three semester hours.

SOCL 491. Field Work in Sociology - Supervised field work in various institutions and social service agencies including children's homes and after school care programs, homes for the aging, local agencies serving the poor and homeless, and other persons in need. Students may develop other options, including international study opportunities, in collaboration with the instructor. Credit hours are based on work hours during the semester with one credit hour assigned for each 45 work hours.Prerequisite: SOCL 201 and consent of the instructor. To be arranged. Three or six semester hours.

SOCL 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. To be announced. One to three semester hours.

SOCL 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

SOCL 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

SOCL 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

SPANISH

SPAN 111/111M. Elementary Spanish I – An introductory course that introduces students to effective communicative strategies and grammar necessary to speak about oneself, family, and daily schedule. Over the course of the semester students will develop speaking, listening, reading, and writing skills within a cultural context. Three class periods per week. SPAN 111 offered fall term each year. SPAN 111M offered as needed. Three semester hours.

SPAN 112/112M. Elementary Spanish II – A continuation course of SPAN 111. An introductory course that will introduce students to effective communicative strategies and grammar necessary to speak about one's daily routine, activities, habits, and tell stories in present and past tenses. Over the course of the semester students will develop speaking, listening, reading, and writing skills within a cultural context. Prerequisite: SPAN 111 or placement. Three class periods per week. SPAN 112 offered spring term each year. SPAN 112M offered as needed. Three semester hours.

SPAN 211/211M. Intermediate Spanish I - A continuation course of SPAN 112. An intermediate language course designed to focus on communicative competency and cultural awareness to express ideas, opinions, and preferences in the future, conditional, and perfect tenses, as well as the subjunctive mood. Over the course of the semester, students will develop speaking, listening, reading, and writing skills within a cultural context. Three class periods per week. Prerequisite: SPAN 112 or placement. SPAN 211 offered fall term each year. SPAN 211M offered as needed. Three semester hours.

SPAN 220/220M. Intermediate Spanish Conversation - An intermediate language course designed to meet the goals of Communication, Cultures, Connections, Comparisons, and Communities. To achieve these goals, students will view and discuss short films, participate in grammar reviews, and read and discuss cultural and literary texts during class meetings. Three class periods per week. Prerequisite: SPAN 211 or placement**.** Usually offered spring term each year. Three semester hours.

SPAN 221. Introduction to Reading and Culture – An intermediate language course designed to introduce the student to a broad range of culture and authors of the Spanish-speaking world, as well as skills necessary for analyzing texts through the use of graphic novels and comics. Students will continue to develop complex listening, speaking, reading and writing skills in the target language. Prerequisite: SPAN 211 or placement. Offered fall term of even years. Three semester hours.

SPAN 222. Spanish Film - An intermediate course designed to introduce critical cultural and social themes of the Spanish-speaking world through the analytical study of Peninsular and Latin American films. Students will continue to develop complex listening, speaking, reading and writing skills. Films, readings, and class discussions will be in Spanish. Prerequisite: SPAN 211 or placement. Offered fall term of odd years. Three semester hours each semester.

SPAN 301. Advanced Conversation and Reading - An advanced language course designed to engage students in classroom discussion based on different historical and cultural contexts, and themes as presented in feature-length films, poetry, short stories, plays, and selections from novels. Students will develop high intermediate to advanced speaking, reading, listening, and writing skills. Classes are conducted in Spanish. Prerequisite: SPAN 220 or 221 or placement. Offered alternating fall semesters. Three semester hours.

SPAN 302. Advanced Composition and Grammar – Intensive practice in the written target language with emphasis on vocabulary, syntax, and culture necessary for communication. Students will develop high intermediate to advanced speaking, reading, listening, and writing skills. Classes are conducted in Spanish. Prerequisite: SPAN 220 or placement. Offered alternating spring semesters. Three semester hours.

SPAN 311. Survey of Spanish Literature: Iberian - An overview of the literature of Spain from the Middle Ages to the present. Selections from prominent authors of different periods and genres are read. Readings and discussions are in Spanish. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours.

SPAN 312. Survey of Spanish-American Literature - An overview of the literature of Latin America from the Colonial Period to the present. Selections from prominent authors of different periods, genres, and countries are read. Readings and discussions are in Spanish. This course fulfills the **ethnic studies** course requirement in the general education core. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours.

SPAN 365. Cuban Literature and Culture - This course will explore the gendered, racial, and class complexities of Cuba through the study of history, culture, and literature by reading and exploring various authors and artists from Cuba. This course fulfils the **ethnic studies** course requirements in the general education core. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours

SPAN 401/401M. Civilization and Culture of Spain - A study of Spanish civilization and culture from prehistoric times to the present. Topics include geography, history, political and social structures, culture, and the arts. Readings, class discussion, and reports are in Spanish. Prerequisites: SPAN 301 and 302 or equivalent. SPAN 401 or 401M offered alternating fall semesters. Three semester hours.

SPAN 402. Civilization and Culture of Latin America - A study of Latin American civilization and culture from the ancient civilizations to the present. Topics include geography, history, political and social structures, culture, and the arts. Readings, class discussions, and reports are in Spanish. This course fulfills the **ethnic studies** course requirement in the general education core. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating fall semesters. Three semester hours.

SPAN 409. Short Story – Advanced course designed to introduce students to a broad range of short stories in the Spanish-speaking world. Students will analyze this genre of literature taking into account social class, gender, and race constructs. Readings and discussions are in Spanish. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours. This course fulfills the Women and Gender Studies course requirements in the WGS minor.

SPAN 410. Spanish-American Women Writers – An overview of Spanish-American women writers beginning from the colonial period to 21st century. Genres include poetry, prose, drama, and essay. Readings and discussion are in Spanish. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours. This course

fulfills the Women and Gender Studies course requirements in the WGS minor.

SPAN 411. Twentieth-Century Spanish-American Novel – Reading and analysis of selected contemporary Spanish-American novels. This course fulfills the **ethnic studies** requirement in the general education core. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours.

SPAN 412. Twentieth-Century Peninsular Novel – Reading and analysis of selected contemporary Peninsular novels. Prerequisites: SPAN 301 and 302 or equivalent. Offered alternating spring semesters. Three semester hours.

SPAN 490. Directed Studies - A program of readings and conferences which provides for study of material not included in the regular course offerings. Available on demand. One to three semester hours.

SPAN 495. Seminar - A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. Available on demand. One to three semester hours per semester.

SPAN 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

SPAN 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

SPAN 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

THEATRE

THEA 110. Theatre Fundamentals – An introduction of the foundations of text analysis for the stage, presenting common vocabulary and concepts of the theatre event as an art form and examining how theatre is created. Concentration is placed upon the understanding and appreciation of theatre in today's society. Course offering to be announced. One semester hour.

THEA 111. Jazz Dance I – A study of the fundamental skills and choreography of jazz dance. Offered every spring term.One semester hour.

THEA 112. Tap Dance – A study of the fundamental skills and choreography of tap dance. Offered fall term odd years. One semester hour.

THEA 113. Ballet I – A study of the fundamental skills and choreography of ballet. Offered every fall term. One semester hour.

THEA 114. Special Topics Dance – An introductory study of myriad dance styles needed in musical theatre performance, including but not limited to Modern, Ballroom, Hip-Hop, Theatre Dance, Lyrical, and Fosse. Offered spring term odd years. One semester hour.

THEA 130. Stagecraft – An introduction to the basic principles of theatre production, including application of techniques, use of tools and equipment, and other materials associated with theatre production. Students are required to participate in some facet of technical work for the current semester's theatre production(s). Offered fall term odd years. Three semester hours.

THEA 141. Fundamentals of Voice/Stage Movement - A survey course introducing the student to major vocal production and stage movement theorists as well as an introduction to stage dialects and stage combat. Offered spring term each year. Three semester hours.

THEA 151. Introduction to Theatre - An introduction of theatre as an art form directed toward the appreciation of the dramatic experience as a whole. Analysis of significant selected plays, an overview of theatre in its historical perspective and a survey of the collaborative process of theatre will be addressed in the course. Attendance to area productions and participation in some facet of work on the current semester's production will be emphasized. Offered each fall semester. Three semester hours.

THEA 170. The Alexander Technique – Introduction to The Alexander Technique, a method of educating the body toward efficient use of the whole self through verbal, visual, and hands-on skills. Offered as needed. One semester hour.

THEA 211. Jazz Dance II - A continuation of the study of Jazz in which students will build on choreographic fundamentals and develop strength, agility, and style. Prerequisite: THEA 111 or instructor approval. Offered spring term even years. One semester hour.

THEA 213. Ballet II - A continuation of the study of Ballet in which students will build on choreographic fundamentals and develop strength, agility, and style. Prerequisite: THEA 113 or instructor approval. Offered fall term even years. One semester hour.

THEA 230. Fundamentals of Theatrical Design - An introductory course in the basic elements and principles of theatrical design, including script analysis, research, and basic rendering and modeling techniques. Students will be required to participate in design work for the spring semester's One Act Play Festival. Prerequisite: THEA 130 (Stagecraft) or equivalent. Offered spring term even years. Three semester hours.

THEA 240. Stage Makeup - An introduction to the basic techniques of stage makeup ranging from the application of personal enhancement, age, character, to special effects makeup. Offered fall term even years. Three semester hours.

THEA 242. Fundamentals of Acting - A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Offered spring term each year. Three semester hours.

THEA 256. Theatre Practicum - An opportunity to gain experience in practical theatre work: acting, technical work, or directing. This course may be taken multiple times for up to 6 hours of credit. Offered every term. One to two semester hours.

THEA 270. Theatre History - A survey of theatre history and drama from the Greeks to the present. The course includes a study of selected plays, theatrical styles, design developments and theatre's role in society. Offered spring term odd years. Three semester hours.

THEA 276. Writing for Stage and Screen – A workshop course in writing for film and the theatre. Students will learn the basic principles of dramatic writing, study examples of stage plays and screenplays, and create two original short scripts that will be produced in FILM 377, Intermediate Film and Video Production; or THEA 340, Fundamentals of Directing. Cross-listed as ENGL 276 and FILM 276. Offered spring term odd years. Three credit hours.

THEA 330. Advanced Theatrical Design - An advanced course employing the elements and principles of theatrical design. Concentration will be placed on either scenic, lighting, and/or makeup design according to the individuals' prerequisite fulfillment. Students will be required to participate in design work for the spring semester's main stage production and/or One Act Play Festival. Prerequisite: THEA 130 Stagecraft and/or THEA 230 Fundamentals of Theatrical Design and/or THEA 240 Stage Make-up or equivalents and consent of instructor. Offered spring term odd years. Three semester hours.

THEA 340. Fundamentals of Directing - A course emphasizing study of the various elements in the production of a play or a short film: theory, selection of play or screenplay, production, interpretation of the play or film, scene design, costumes, and make-up. The course culminates in the direction of a one-act play or short film for the public. This course is especially recommended for students preparing to supervise play or film production in the public schools. Prerequisites for film majors and minors: FILM 277. Offered spring term even years. Three semester hours.

THEA 345. Theatre for Young Audiences - An opportunity to gain experience in touring theatre work. Approval of instructor is required. Every fall semester. One to three semester hours.

THEA 470. Dramatic Literature and Criticism - A concentrated program of readings from 20th and 21st century playwrights which will serve to introduce the student to important dramatists. Offered fall term each year. Three semester hours.

THEA 490. Theatre Performance Recital/Portfolio - An individualized course of study to be determined by the student and an advisory committee. Performance students may do this in the form of an acting recital or final directing or playwriting project, while design oriented students may elect to do comprehensive work on preparing their design portfolio. Seniors only. Approval of chair is required. Three semester hours.

THEA 495. Seminar - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics vary from semester to semester. To be announced. One to three semester hours.

THEA 499A. Mentored Research - A faculty-mentored research course in which students craft a research proposal, prepare a literature review, and outline the methods by which they plan to conduct research. Offered every semester as needed. One semester hour.

THEA 499B. Mentored Research - A faculty-mentored research course in which students complete their research in a manner consistent with practices in their discipline and submit a written draft of their findings to their mentor. Offered every semester as needed. One semester hour.

THEA 499C. Mentored Research - A faculty-mentored research course in which students revise their research and present their findings publicly. Offered every semester as needed. One semester hour.

GRADUATE

Graduate

Financial Information

Milligan University is a private nonprofit institution. Tuition, fees, and other charges paid by the student represent only a part of the income necessary to fund the instructional and operating expenses of the University. Other sources of income include earnings from endowment funds and contributions by alumni, churches, businesses, foundations, and friends of Milligan University. The Student Financial Services Office assists families in making the necessary financial arrangements to attend Milligan University.

Tuition for Graduate and Professional Studies Programs, 2022-23

M.Ed. Program (per hour)	$385
Ed.D. and Ed.S. Programs (per hour)	$515
M.A. in Humanities (per hour)	$385
M.S.in Occupational Therapy	
New Class (per hour)	$795
M.S. in Counseling (per hour)	$495
M.S. in Physician Assistant Studies (per hour)	$815
M.S. in Information Systems (per hour)	$600
M.B.A. Program	
New Class (per hour)	$600
M.Div. Program	
New Class (per hour)	$495
M.A.R. Program	
New Class (per hour)	$495
MACM Program	
New Class (per hour)	$495
D.Min. Program	
New Class (per hour)	$495

Graduate enrollment status is defined as follows: full-time, 9 hours or more; three-quarter time, 7-8 hours; half-time, 4.5-6.5 hours; less than half-time, less than 4.5 hours.

Fees

	Per Semester
Lifetime Academic Records Fee – all students (first semester only)	$75
M.Ed., Ed.D., Ed. S., M.A.H., M.S.C., M.S.O.T, M.S.P.A.S., M.Div., & M.A.R. Programs	
Technology Fee	$375
Part-time Technology Fee (less than 6 hrs)	$200
Graduate Student Activity Fee	$100
Part-time Graduate Student Activity Fee (less than 6 hrs)	$50
D.Min. and MACM Programs	
Technology Fee	$375
Part-time Technology Fee (less than 6 hrs)	$200
M.B.A. and M.S.I.S. Programs	
Technology Fee	$375
Part-time Technology Fee (less than 6 hrs)	$200

Special Classes and Lab Fees

The following fees apply when a student is registered for the following courses:

	Per Semester
ART 237, 310, 437	$20
ART 400/BADM 495A/COMM 400/MUSC 400 (Fall 2022 trip; fee due by August 1)	$1,000
BADM 250	$100
BADM 470, 470B	$40
BIOL 200	$130
BIOL 371, 431	$135
BIOL 450	$60
BIOL 492	$75
CH 7000; CM 7000; CMA 7000; CMC 7000; CME 7000; CMF 7000; CMM 7000; CMP 7000; CMSF 7000; CMW 7000; NTS 7000; OTS 7000; TH 7000	$250
CH 7980; CMA 7980; CMC 7980; CME 7980; CMM 7980; CMP 7980; CMSF 7980; CMW 7980; NTS 7980; OTS 7980; TH 7980	$100
CM 8301, 8302	$250
CMC 7210, 7220, 7230, 7240 – $500 fee paid directly to medical facility	
CMC 8100, 8200	fee will vary
CMSF 5010, 7050	$50
COUN 610	$20
COUN 625	$125
COUN 630	$90
COUN 660	$30
EDUC 150, 150B, 152, 152B, 343, 406, 406B, 407, 407B, 408 409, 514, 520, 565, 576A, 576B	$10
EDUC 355, 355B, 356, 356B, 555, 577	$15
EDUC 440, 440B, 541	$20
EDUC 443, 443B, 443ELL, 443SE	$50
EDUC 451, 452, 452B, 453, 454, 455, 457, 458, 460, 551, 552, 560B	$150
EDUC 456, 553, 553ELL, 553SE	$15/hr
Science laboratory fee (excludes BIOL 200, 280, 352, 371, 431, 432, 450, 451, 452, 491, 492, 494, 499A; CHEM 311, 402, 405, 491, 494, 499A; GNSC 101, 131, 301, 350, 350B; PHYS 311, 351, 352, 354, 499A) (Laboratory science classes that are taught as seminar courses [course numbers are 195, 295, 395, or 495] may also have the $40 laboratory science fee.)	$40
EENG 201	$75
EENG 301	$200
EENG 431	$50
EENG 461, 471	$125
EENG 481	$150
EXSC 105	$38
EXSC 120A, B, C	$25
EXSC 153	$20
EXSC 158A, B, C and 159A, B, C	Fee for off-campus instruction
EXSC 164	$10
EXSC 181	$30
EXSC 302G	$10
EXSC 307	$45
EXSC 341	$50
EXSC 350 and 370	$10
EXSC 352	$50
FENG 101	$140
FILM 277, 377, 477	$30
HUMN 100 (Humanities Tour USA) plus fee for study tour	$125/hr
HUMN 200T (Humanities European Study Tour) plus fee for study tour	$125/hr
MENG 371, 372	$50
MENG 421	$125
MENG 432, 471	$100
MENG 481, 482	$200
MLGN 200, 200M	$45
MUSC 101 (piano), 102, 124, 125, 201, 211	$50

MUSC 143-144, 243-244	$25
(a maximum fee of $150 for any combination of the music courses listed above)	
MUSC—Applied Music fee (Applied fees will be refunded if the student drops the class within the first seven days of the semester. After this time, fees will not be refunded.)	$300/hr
NURS 202L	$55
NURS 210	$565
NURS 210C	$255
NURS 220	$450
NURS 220C	$115
NURS 301M (ADCP RN to BSN)	$150
NURS 310	$360
NURS 310C	$175
NURS 313C	$75
NURS 320	$360
NURS 320C	$150
NURS 323C	$75
NURS 410C	$125
NURS 460	$300
OT 530A/B/C/D	$75
OT 531	$220
OT 560	$335
OT 617	$15
OT 643	$165
PAS 511	$220
PAS 514	$90
PAS 522	$65
PAS 532	$265
PAS 542	$565
PAS 610, 620, 630, 640, 650, 660, 670, 680	$500
PAS 760	$195
SME 6150, 6160	$50
SME 6950	$500
SOWK 330	$90

Other Fees

Application fee	$30
Graduate Audit fee	$100/hr
Change of course fee	$10
Late registration fee	$100
Re-enrollment fee	$250
Replacement ID fee	$25
Lifetime academic records fee (new degree-seeking students)	$75
Lifetime academic records fee (new non-degree-seeking students)	$20

The University reserves the right, beginning any semester or session, to change the charges for tuition and fees without written notice.

Explanation of Fees

Graduate Student Activity Fee

The student activity fee is used to provide students with access to the wellness center, health services, counseling center services, and to fund 100% of the Student Government Association (SGA) budget. These funds are distributed to approximately twenty different committees and organizations. These SGA committees provide a wide variety of activities and services to students throughout the year, including spiritual activities, concerts, social events, campus radio station, literary publications, and more. In addition, this fee covers the cost of production of the student newspaper, *The Stampede*.

Technology Fee

The technology fee is used to support an extensive campus-wide computer network consisting of fiber optic cabling, software, unlimited Internet availability, WiFi coverage in all residence halls and academic buildings, internet access from each residence hall room and several on-campus fully equipped student computer labs.

There are 5 open computer locations available to all students: Derthick Public Lab (3rd Floor), Derthick Teaching Lab (3rd Floor), Paxson Communication Center 101, P.H. Welshimer Library, and Emmanuel Christian Seminary at Milligan Library. Computer lab software includes the Microsoft Office suite (Word, Excel, Access, and PowerPoint) and various other programs for use with specific classes. The computer labs are equipped with printers and there is also a print kiosk for student printing on Derthick 2nd Floor.

The technology fee is also used to provide students with the following services and products: a student ID (allows students to borrow items from the library, access to their meal plan, and scan for SFP credits); access to Microsoft 365; a Google student account; Gmail and unlimited storage on Google Drive; Canvas learning management system, online access to grades and payment information; access to the RAVE emergency communications system; access to Library digital resources on and off campus; access to a Helpdesk system for technology support; and walk up helpdesk support during regular IT office hours.

Lifetime Academic Records Fee

All new students, graduate and undergraduate, will be charged a one-time fee for academic records; the amount of the fee is based on whether or not students are degree-seeking.

Financial Registration Policy

Students must make provision for the payment of applicable charges for tuition and fees before classes begin. **A student's registration for classes is an obligation and commitment to pay for all related charges**. Students must settle their account each semester to be permitted to register for the following semester.

Advanced financial planning by the student is imperative. The university mails a statement of the student's account, and statements are available to view in the student portal, Self-Service, before each semester to assist students in this matter. **It is the student's responsibility to make payment arrangements with the Student Accounts Office.**

Registered students who have not completed the financial aid process and paid the remaining balance due on the student account or enrolled in the tuition payment plan will be dropped from courses at 5:00 pm on the Wednesday before classes begin.

A $250 re-enrollment fee will be assessed to all students whose courses are dropped and who must re-register for classes. All financial issues will have to be addressed satisfactorily before a student will be able to re-register for classes.

Payment

General Information

Tuition, fees, and all other costs for the semester are due and payable on the Wednesday before classes begin.Tuition, fees, and all other costs for summer school and intersession are due and payable before the first day of each term. Students enrolling in summer school and intersession must make specific payment arrangements with Student Financial Services before the first day of class. Students may cancel their registration without penalty before the first day of class. Students who do not cancel and who do not attend will be charged 10% of tuition.

Students receiving financial aid must pay the difference between the total cost for the semester and the financial aid commitment on the Wednesday before classes begin. Enrollment in the Milligan University Tuition Payment Plan for the balance due on your account after financial aid will meet this requirement.

All financial aid processes and payment of remaining balance must be completed on the Wednesday before classes begin. Financial aid processes include completion of the following steps:

- On-line entrance counseling for loans
- On-line completion of MPN's (Master Promissory Notes)
- Financial Aid Offers signed and returned to Student Financial Services Office (SFS) or accepted online via Net Partner
- All documentation required for verification returned to the SFS
- Students who intend to cover a portion of the balance with an alternative loan must submit a pre-approval for the loan by the Wednesday before the first day of class
- Notification to SFS of payment from other sources such as a VA benefits

This is not an exhaustive list of steps to complete; check with SFS to ensure you have completed all required steps.

A semester grade report, transcript, and/or diploma will not be issued to a student whose account is not settled by the end of a semester or term. In addition, a transcript will not be issued to individuals in default on their Federal Perkins Loans.

If a period of 90 days passes without any activity on an account with an unpaid balance, the University may refer the account to a collection agency. The student will be responsible for any attorney fees and/or costs associated with the collection of the unpaid balance. A delinquent account is also reported to major credit bureaus.

Monthly Tuition Payment Plan

Milligan University is pleased to offer a special payment plan for students who desire to pay educational expenses in monthly installments. This is an interest-free payment plan. No student, other than those participating in the Payment Plan, will be permitted to attend classes before paying the balance of their account in full.

The Payment Plan permits students to spread their estimated academic year balance over a period of 9, 10, or 11 months, with the last payment due near the end of the spring semester. The current cost of the plan is $75 per year. All students receive information about this plan with their billing statement prior to the beginning of each semester. Information is available on our website at www.milligan.edu/sfs and through the Milligan University Student Financial Services Office.

MBA students can enroll in a payment plan for the duration of their program. The cost to enroll in the Payment Plan is $85.

Additionally, students on the Payment Plan are fully expected to maintain monthly payments as agreed. A $25 late payment fee will be charged to accounts for delinquent payments on the day after the payment is due (no grace period). The University reserves the right to require immediate payment in full for any student who fails to maintain their Payment Plan schedule. If payment is not made as required by the University, the student is subject to immediate dismissal. Students who fail to make regular payments during one academic year will not be eligible to reenroll the following year.

The Payment Plan is designed for the convenience of students. The University encourages students to set up their own plans directly through Self Service. Instructions and an enrollment link are found on the website at www.milligan.edu/sfs/graduate-professional. Scroll down to "Payment plan 2" (Please note that you must have a Milligan network login and password to use Self Service.)

All payment plan enrollments must be completed by 5pm on the Wednesday before classes begin.

Tuition Reimbursement

If you are receiving tuition reimbursement from your employer, we will be glad to work with you in developing a payment arrangement for the semester. You must present a letter from your employer stating the company's reimbursement policy and your eligibility for reimbursement. Contact Student Financial Services Office for more details.

Forms of Payment

Students may pay their student account using cash, money orders, personal checks, certified checks, Visa, MasterCard, American Express, and Discover. The most convenient way to make a payment is to use the online payment feature on our website by going to your Self Service Account and on the financial tab, selecting "Make a Payment."

All payments made by credit or debit card will be assessed a convenience fee.

Online check-in must be completed prior to the first day of class each semester. The check-in portal typically opens 3-4 weeks prior to the start of each semester. Check in can be completed at https://portal.milligan.edu/.

Refund Policy

Refund in the Event of Withdrawal from the University

The University operates on an annual budget that necessitates advance planning and financial commitments to teaching staff and others whose services are essential to its operations. For this reason, no refunds are granted to those persons who are dismissed from the University for academic performance or disciplinary reasons.

The official date of withdrawal used to compute refunds is the date on which the student begins the official withdrawal process with the program director in the respective area of study.

Tuition Refund Schedule for Fall and Spring Semesters

Tuition refunds are calculated on the following schedule:

Prior to first calendar day of the semester.....100%
During first seven calendar days of the semester 90%
During the 8th through the 14th calendar day of the semester.....75%
During the 15th through the 30th calendar day of the semester....50%
No refunds after the 30th calendar day of the semester
or for unofficial withdrawals.....0%

An exception is made for illness, in which case the 50% refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

Refund Policy for Nontraditional Schedules
M.Ed., M.A.H., M.S.O.T., M.S.P.A.S., M.S.C., M.S.I.S., M.Div., M.A.R. Ed.D, Ed.S.

% of refund	J-term	May Term	Four-week summersessions	Eight-week summersessions
	Days	Days	Days	Days
90%	1	1	1	1 – 3
75%	-	2	2 - 3	4 – 6
50%	2	3-4	4 – 5	7 – 12
0%	3+	5+	6+	13+

Refund Schedule for Fees

Unless a student withdraws during the first seven calendar days of the semester, fees are not refundable.

M.B.A. and MACM Refund Schedule

Students enrolled in these programs will be charged the pro rata share of tuition based on the number of courses completed. If a student withdraws from a course after attending the first class session, tuition will be charged on a pro rata basis through 40% of the term. No adjustments to charges after the 40% point of the course has passed. No refunds or adjustments to

charges are granted to persons dismissed from a program for reasons related to academic performance or integrity.

D.Min. Refund Schedule
If a student withdraws from a course after attending the first class session, tuition will be charged on a pro rata basis through 40% of the term. No adjustments to charges after the 40% point of the course has passed. No refunds or adjustments to charges are granted to persons dismissed from a program for reasons related to academic performance or integrity.

Institutional Scholarship Proration Schedule for M.Div. & MAR
Institutional scholarships are those scholarships granted by Milligan University. If a student withdraws during the first 30 calendar days of the semester, the institution scholarships will be calculated using the following schedule:

Prior to first calendar day of the semester.....0%
During first seven calendar days of the semester 10%
During the 8th through the 14th calendar day of the semester.....25%
During the 15th through the 30th calendar day of the semester....50%
After the 30th calendar day of the semester.....100%

Institutional Scholarship Proration Schedule for MACM & D.Min.
Institutional scholarships are those scholarships granted by Milligan University. If a student withdraws before the 40% point, scholarships will be calculated on a pro rata basis; after the 40% point in the term has been reached, 100% of scholarship will be applied.

Return of Title IV Funds (Federal Financial Aid)

In addition to the overall institutional refund policy requirements, the University is required to follow the regulations mandated by the Department of Education for any student who receives Title IV Federal Aid. The Return of Title IV Fund calculations are required when a student withdraws, either officially or unofficially. Software provided by the Department of Education will be used to complete these calculations. Steps in the Calculation for the Return of Title IV Funds:

Step 1: Collect information about student's Title IV Aid
Step 2: Calculate percentage of Title IV Aid earned by the student
Step 3: Calculate amount of Title IV Aid earned by the student
Step 4: Determine if the student is due post-withdrawal disbursement or if Title IV Aid must be returned
Step 5: Calculate amount of unearned Title IV Aid due from the school
Step 6: Determine return of funds by school
Step 7: Determine the return of funds by student

Any federal funds that must be returned to federal programs as a result of the Return of Title IV calculations must be redistributed in the following order:

1. Unsubsidized Direct Stafford Loan
2. Direct PLUS (Graduate Student)
3. TEACH Grant

Please note: Students may owe money to the university as a result of the return of Title IV calculation and the subsequent return of federal financial aid funds.

The Student Financial Services Office is notified by the Registrar's Office of all withdrawals from the University. The director of financial aid will, within 45 days of the withdrawal date, complete the calculation and determine the result. The student will be notified of the refund calculation results by letter and also by receiving a revised copy of their student account statement. Unofficial withdrawals (students who leave without going through the withdrawal process) will also have the Return of Title IV Funds calculation performed no later than 30 days following the end of the semester and will receive notification if the student then owes money back to the University.

For more specific information regarding the Return of Title IV Funds calculations, contact the Student Financial Services Office.

Return of Veteran's Education and Department of Defense Funds

Funds provided by the Departments of Defense and Veterans Administration will be earned on a pro-rata basis through the 60% point in the enrollment period with unearned funds returned based upon when a student stops attending. After a student has completed 60% of the enrollment period, then he or she has earned 100% of the funds provided under the TA program. If a Service member is called to active duty during the semester, the college will do its best to protect the financial interests of the student. For official withdrawals, the return of Title IV funds and other federal funds received, calculations are performed within 45 days of a student's withdrawal from the college; for unofficial withdrawals, the calculations are performed within 30 days following the end of the semester

8 Week Course

Before of during week 1	100% return
During week 2	75% return
During weeks 3-4	50% return
During week 5	40 % return (60% of course is completed)
During weeks 6-8	0% return

15 and 16 Week Courses

Before or during weeks 1-2	100% return
During weeks 3-4	75% return
During weeks 5-6	60% return
During weeks 7-8	50 % return
During week 9	40 % return (60% of course is completed)
During weeks 10 through last day	0% return

17 Week Course

Before or during weeks 1-2	100% return
During weeks 3-4	75% return
During weeks 5-6	60% return
During weeks 7-9	50 % return
During week 10	40 % return (60% of course is completed)
During weeks 11-17	0% return

20 Week Course

Before or during weeks 1-2	100% return
During weeks 3-4	80% return
During weeks 5-7	70% return
During weeks 8-10	50 % return
During weeks 11-12	40 % return (60% of course is completed)
During weeks 13-20	0% return

Refund of Credit Balances

When a credit on a student account results from overpayment or from federal and state financial aid that exceeds direct charges, a refund will be issued to the student from the Student Financial Services Office. Student refunds will only be issued for amounts up to the actual credit balance on the student account. No refund will be authorized or issued in anticipation of financial aid that will be ultimately posted to the student account. No refunds will be made before the official drop/add period for a particular semester or session. In cases involving federal financial aid, federal guidelines will prevail. Student refund checks are automatically mailed weekly to the student's local address.

In addition, institutional scholarships and grant awards may not exceed student account charges; under no circumstances will a student receive a credit balance refund for institutional scholarships or grants.

Students may be required to pay back refunds if one of the following occurs:

- A change in enrollment status
- The receipt of outside financial aid assistance

Students withdrawing from school who have received federal financial aid and/or institutional scholarships will have their account adjusted using the appropriate refund schedule which could result in payments due back to the uninversity.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore accepts checks, cash, money orders, Visa, Discover, American Express, and MasterCard. The cost of textbooks varies depending upon the major.

Financial Aid

Financing a college education is one of the major concerns for students. The Student Financial Services Office at Milligan University assists students in completing the necessary steps to apply for financial aid. Financial assistance is available to eligible students in the form of federal, state, and institutional aid. Milligan University offers scholarships, grants, and loans.

Any student accepted for admission to Milligan University is eligible to request financial assistance. The types of federal, state, and institutional aid available and how to apply are discussed over the next few pages.

General Requirements for Title IV Federal Financial Aid

- Complete the Free Application for Federal Student Aid (FAFSA).
- Apply for admission to Milligan University.
- Be accepted and classified as a degree-seeking student.
- Be enrolled at least half-time (4.5 hours per semester for graduate students); (Note: enrollment status for determining Title IV aid eligibility only includes courses required for a student's program of study. For more information about the Course Program of Study (CPoS) requirement, visit milligan.edu/sfs/faq.)
- Demonstrate satisfactory academic progress based on the University's Title IV Federal Financial Aid Satisfactory Academic Progress Policy.

No student may receive Title IV federal financial aid as assistance beyond the length approved for each program of study. Title IV Federal Aid will generally be disbursed and credited to the student account as follows:

50% Fall Semester 50% Spring Semester

Definition of Terms

Loans
Unsubsidized loans to be repaid with interest after the student leaves school.

Scholarships
Financial awards funded by the University.

Census Date
The Registrar develops academic calendars for the academic programs. The census date is the 14th calendar day of the fall and spring semesters; census date for summer and interterms is prorated based on the procedure used for the fall and spring semesters. Census dates for MBA, ADCP, MACM, and D.Min programs are determined based on the procedure used for the fall and spring semesters.

Scholarships for Eligible Students Enrolled in Graduate Programs of Emmanuel Christian Seminary at Milligan

Alexander Campbell Scholarship
Alexander Campbell Scholarships are awarded to four newly enrolling Master of Divinity students for the fall semester each year. Students must be degree-seeking and enrolled full-time. Students applying for this scholarship must complete a separate application which is reviewed by the Alexander Campbell Scholarship Committee.
Amount: $315 per credit hour; up to $28,350

Barton W. Stone Scholarship
Barton W. Stone Scholarships are awarded to two enrolling Master of Arts in Christian Ministries students in January each year. Students must be degree-seeking and enrolled full-time. Students applying for this scholarship must complete a separate application which is reviewed by the Barton W. Stone Scholarship Committee.
Amount: $315 per credit hour; up to $15,120

Dean E. and Dortohy Keister Walker Scholarship
The Dean E. and Dorothy Keister Walker Scholarship is awarded to 1 newly enrolling MAR student in the fall each year. Students must be degree-seeking and enrolled full-time. Students applying for this scholarship must complete a separate application which is reviewed by the Dean and Dorothy Keister Walker Scholarship Committee.
Amount: $315 per credit hour; up to $17,955

John Robert Neeley, Jr. Scholarship
The John Robert Neeley, Jr. Scholarship is awarded to 2 newly enrolling Master of Divinity students in the fall each year. Students must be degree-seeking and enrolled full-time. Students applying for this scholarship must complete a separate application which is reviewed by the John Robert Neeley, Jr. Scholarship Committee. Scholarships are based on availability of funding each year.

Amount: The scholarship covers tuition, fees and book stipend at Milligan bookstore of up to $1,300 per year.

Fig Tree Fellowship Scholarship
The Fig Tree Fellowship Scholarships are awarded to one newly enrolling Master of Divinity or Master of Arts in Religion students from a Stone Campbell background with exceptional academic records.
Amount: $300 per credit hour

Pacific Northwest Scholarship
The Pacific Northwest Scholarships are awarded to students who meet one of the following requirements:
1. Residency in (or were raised in) Oregon, Washington, or Idaho
2. Graduated from a college or university located in Oregon, Washington, or Idaho
3. Currently serving in a church in Oregon, Washington, or Idaho

These scholarships are awarded to newly enrolling students in any of the Seminary degree programs based on the availability of funding for the scholarship each year.
Amount: Award amounts vary.

Stone – Campbell Scholarship
This scholarship is available to students with an undergraduate degree of 3.0 or above. This scholarship is available to students in the Master of Arts in Religion and Master of Divinity degree programs.
Amount: $175 per credit hour up to $15,750 for the M.Div. or $10,150 for the M.A.R.

Friends Scholarship
The Friends Scholarship is awarded to newly enrolling Master of Divinity, Master of Arts in Religion and Master of Arts in Christian Ministries

students; students must have a GPA of 2.5 or higher and demonstrate ministry potential.

Amount: $100 per credit hour

Spousal Scholarship

In an effort to encourage families to enter into the spirit of ministry together, any spouse of a full-time degree-seeking Seminary student may apply for this scholarship. The scholarship may only be used to enroll in other Seminary courses.

One free course per semester (2 total per academic year)

Church Matching Grant

The University will match 1:1 up to $500 each semester for students enrolled in six hours or more and 1:1 up to $250 for students enrolled in 1-5 hours per semester when the scholarship check from the church is received by the University before the first day of class. Scholarship is available for three terms each year: fall, spring and summer.

Tom and Debbie Jones Stadia Church Leadership Scholarship

The Tom and Debbie Jones Stadia Church Leadership Scholarships are awarded to students who meet one of the following requirements:

- Stadia staff member
- Lead planter of Stadia church
- Spouse of lead planter of Stadia church

These scholarships are awarded to newly enrolling MACM or DMin students based on the availability of funding for the scholarship each year. Students applying for this scholarship must complete a separate application which is reviewed by the Jones Stadia Church Leadership Scholarship Committee.

Amount Award amounts vary.

Title IV Federal Financial Aid Satisfactory Academic Progress Policy (SAP)

Students must demonstrate their ability to perform satisfactorily both by grade point average (qualitative) and by hours attempted/completed (quantitative). Milligan University will use the following standards to determine satisfactory progress of all students in relation to Title IV funding. Grade point average (GPA) and hours attempted and completed will be reviewed at the end of each semester. It is our policy not to recalculate SAP as a result of grade changes that may occur between formal SAP evaluations.

Qualitative Standards

Satisfactory cumulative Milligan GPA's for students are as follows: (Includes remedial courses)

Undergraduates

All Undergraduate Students:	Must maintain 2.0

Graduates

MEd, MSOT, MBA, MACSM, MSC, MAR, MAH, MSIS, MSPAS, EdD, EdS, and D.Min:	Must maintain 3.0
*MDiv, and MACM	Must maintain 2.5

*For MDiv students enrolled in a concentration, a 3.5 GPA is required after 30 hours. Entering MDiv and MACM students must achieve an overall GPA of 2.25, and entering MAR students must achieve an overall GPA of 2.5 by the end of their second semester of enrollment. A student who has not formally chosen a degree program will be held to the MDiv requirement.

Quantitative Standards

Measurement of the student's pace of progression toward degree completion. (Includes remedial courses)

Both Undergraduate and Graduate students must satisfactorily complete 67% of all attempted hours which appear on their Milligan University academic transcript including incompletes, transfer credits, and withdrawals after drop/add period. Repeat courses to raise a passing grade do not count toward satisfactory progress for the semester that the course is repeated. Courses repeated to raise an F count toward satisfactory progress for the semester that the course is repeated.

A student must complete his or her educational program within a timeframe no longer than 150% of the published length of the education program, as measured by credits attempted including transfer credits. This policy is applicable to both undergraduate and graduate students. For example, an undergraduate student must complete his or her program after attempting 192 credits for a 128-credit hour program. A student is ineligible when it becomes mathematically impossible for them to complete the program within 150% of its length, not at the point they actually reach the maximum timeframe.

Students will be placed on financial aid warning and will receive a warning letter at the end of the semester if their cumulative GPA and/or total hours completed do not meet the quantitative or qualitative standards and will continue to receive federal financial aid for the following semester. The warning letter will indicate that the student must be making satisfactory academic progress at the end of the following semester in order to continue to receive federal financial aid.

If at the end of the warning period, Qualitative or Quantitative standards are not met, all federal financial aid eligibility will be lost. Students who have lost federal financial aid eligibility will be mailed a letter informing them that they have lost federal financial aid for the next semester which includes the information for appeals regarding this decision.

Appeals

Should extenuating circumstances prevent the student from making satisfactory academic progress, an appeal can be submitted, in writing, to the Student Financial Services Office.
Some examples of acceptable reasons are as follows:

1. Serious illness or accident, preventing the student from attending a significant number of classes.
2. Death or serious illness in the student's immediate family, preventing attendance of a significant number of classes.
3. Change of major where credits were not transferable.

Appeals must be submitted within 30 days after the student receives notification that they are no longer eligible to receive federal financial aid. The appeal must include why the student failed to make satisfactory academic progress and what has specifically changed that will allow the student to make satisfactory academic progress at the end of the following semester. If the appeal is approved the student will be placed on Financial Aid Probation and eligibility for financial aid will be reinstated for one semester. If it is determined while reviewing the appeal, that a student will require more than one semester to meet satisfactory academic progress standards, then the student will be placed on Financial Aid Probation and the student will be required to follow an Academic Plan developed by the Director of Student Success. Eligibility will be reviewed at the end of the probationary semester to determine if the student is making satisfactory academic progress or is successfully following the established Academic Plan.

A student who has lost federal financial aid eligibility can regain eligibility by completing a semester in which qualitative and quantitative satisfactory academic progress is achieved.

Any student who has been academically dismissed will be granted one probationary period where they can receive Title IV aid. Should a student be dismissed again for academic reasons, the student will have to demonstrate satisfactory progress for a semester, upon subsequent readmission, before receiving financial aid.

Students may enroll during summer sessions to attain satisfactory progress. It is the student's responsibility to see that the Student Financial Services Office is aware of changes.

Scholarship Guidelines

Each of the scholarship recipients must comply with the following guidelines:

- Be a good citizen on campus
- Represent the school in a dignified and respectable manner
- Comply with all moral and lifestyle expectations as set forth in the Student Handbook.

Minimum requirements to Retain Scholarships

Minimum requirements to retain Alexander Campbell Scholarship
- Maintain a cumulative grade point average of 2.75 after the first year; maintain a cumulative grade point average of 3.0 thereafter.
- Remain continuously enrolled as M.Div. student
- Applicable only to the required 90 hours of the MDiv program

Minimum requirements to retain Barton W. Stone Scholarship
- Maintain a cumulative grade point average of 2.75 after the first year; maintain a cumulative grade point average of 3.0 thereafter
- Remain continuously enrolled as MACM student
- Applicable only to the required 48 hours of the MACM program

Minimum requirements to retain Dean E. and Dorothy Keister Walker Scholarship
- Maintain a cumulative grade point average of 2.75 after the first year; maintain a cumulative grade point average of 3.0 thereafter
- Remain continuously enrolled as MAR student
- Applicable only to the required 57 hours of the MAR program

Minimum requirements to retain John Robert Neely, Jr. Scholarship
- Maintain a cumulative grade point average of 2.75 after the first year and 3.0 thereafter
- Remain continuously enrolled full-time (minimum of 9 hours per semester)
- Renewable for up to three total years of enrollment in the MDiv program
- Applicable only to the required 90 hours of the MDiv program

Minimum requirements to retain Fig Tree Fellowship Scholarship
- Maintain a cumulative grade point average of 3.0
- Remain continuously enrolled as M.Div. or MAR student

Minimum requirements to retain Stone-Campbell Scholarship
- Maintain a cumulative grade point average of 2.0 after the second year
- Remain continuously enrolled as M.Div., MAR or MACM student

Minimum requirements to retain Friends Scholarship
- Maintain a cumulative grade point average of 2.0 after the second year
- Remain continuously enrolled as M.Div., MAR or MACM student

Minimum requirements to retain Pacific Northwest Scholarship
- Maintain a cumulative grade point average of 3.0
- Remain continuously enrolled as M.Div., MAR, MACM, or D.Min student

Minimum requirements to retain Professorial Assistantship Scholarship
- Provide 150 hours of assistance each semester
- Renewal on a year to year basis with review for continuation at the end of each semester

Minimum requirements to retain International Scholarship
- Maintain a cumulative grade point average of 2.0 after the second year
- Remain continuously enrolled as M.Div., MAR or MACM student

Minimum requirements to retain Presidential Scholarship
- Maintain a cumulative grade point average of 2.75 after the first year and 3.0 thereafter.
- Remain continuously enrolled as M.Div., MAR or MACM student

Minimum requirements to retain Seminary Dean Scholarship

- Maintain a cumulative grade point average of 2.75 after the first year and 3.0 thereafter
- Remain continuously enrolled as a MDiv student

Minimum requirements to retain Tom and Debbie Jones Stadia Church Leadership Scholarship

- Meet one of the following: (1) Stadia staff member; (2) Lead planter of Stadia church; or (3) Spouse of lead planter of Stadia church
- Scholarship is renewable based on fund availability for students who maintain appropriate academic and social standing in their program.

Scholarship/Grant Policies, Milligan University

- Institutional scholarships awarded by the University may not exceed Milligan student account charges; under no circumstances will a student receive a credit balance refund for institutional scholarships.

- Scholarship recipients who have failed to meet the minimum grade point average requirements and consequently lose academic scholarships may have their scholarship reinstated if the required minimum grade point average is achieved the following semester. The scholarship will then be reinstated for the next semester. However, it is the responsibility of the student to notify the Student Financial Services Office so that the grade point average can be verified with the Registrar's Office and, if appropriate, reinstate the scholarship.

Policy of Transfer Credits Counting toward Cumulative GPA

Students entering Milligan University will not have transfer grades applied to their cumulative GPA. Therefore, for scholarship purposes, grades for transfer work (including summer courses taken at other colleges) will not count toward the cumulative GPA.

State Programs

*For additional information regarding available financial aid provided by Tennessee, contact Tennessee Student Assistance Corporation at 800.342.1663 or www.TN.gov/CollegePays.

Federal Programs

Available Assistance	Award Criteria	Amounts Available
Federal Direct Stafford Student Loan Programs Unsubsidized	Must indicate on your financial aid offer your intent to borrow Must complete a Master Promissory Note (MPN) and Entrance Loan Counseling Unsubsidized—Available to all students, not need-based. Interest accrues while student is in college.	Annual Loan Limits for Unsubsidized Loans $20,500–Graduate or Professional Students
Federal Direct PLUS Loan for Graduate Students	Low cost graduate student loan program, not need-based. Minimum monthly payment $50. Must complete a Master Promissory Note (MPN) and new Graduate PLUS Loan borrowers must complete Entrance Loan Counseling.	Cost - Financial Aid = Annual Eligibility
Teacher Education Assistance for College and Higher Education (TEACH) GRANT	Federal grant for undergraduate, post-baccalaureate and/or graduate students. Student must be Title IV eligible with a 3.25 GPA who is completing or plans to complete coursework necessary to begin a career in teaching. Student must teach at an elementary school, secondary school, or educational service agency that serves students from low-income familes in high-need specified areas (bilingual education and English language acquisition, foreign language, mathematics, reading specialist, science, special education, or other high-need field approved by the Secretary). A TEACH Grant recipient must annually sign a Teach Grant Agreement to Serve which obligates the recipient to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students for at least 4 years within 8 calendar years of completing the program of study for which the TEACH Grant was received. IMPORTANT: If the TEACH Grant recipient fails to complete this service obligation, all amounts of TEACH Grants received will be converted to a Direct Unsubsidized Stafford Loan. You must then repay this loan to the U.S. Department of Education. You will be charged interest from the date the grant(s) was disbursed.	Award amount to be determined when eligibility is confirmed

Other Programs

Alternative Loan Programs – educational loans borrowed by students to supplement federal/institutional financing. Contact the Student Financial Services Office at www.milligan.edu/sfs or at 800.447.4880 for information.

Federal Financial Aid Programs for Eligible Degree-seeking Graduate Students

- Federal Direct Unsubsidized Loan Program
- Federal Direct PLUS Loan for Graduate Students

Refer to the description of federal programs in the Financial Aid section of the catalog for award criteria and amounts available.

Disbursements of Financial Aid

- Generally, financial aid disbursements are made at the beginning of each semester. Contact your Student Financial Services Counselor for assistance with summer financial aid.
- In summer, federal loan funds may be disbursed after July 1 in accordance with the beginning of the federal fiscal year.
- For students attending one semester during the academic year, there will be one disbursement at the beginning of the semester.
- Financial aid awards are adjusted if the student drops or adds credit hours during the drop/add period.
- If your financial aid disbursements create a credit balance on your student account, the Student Financial Services Office will mail the credit refund check to your local address after the drop/add period has ended.

Financial Aid Application Process

The process of applying for federal and state financial aid programs and certain institutional aid is as follows:

1. Complete a Free Application for Federal Student Aid (FAFSA) and submit it to the federal processor (electronic version: www.studentaid.gov).
   Be sure to include Milligan's code (003511) on the FAFSA.
2. To accept Federal Financial Aid, students must sign and return their financial aid offer.
3. To accept a Federal Direct Unsubsidized Stafford Loan, students must indicate their intent to borrow on their financial aid offers. Before loans will be processed, students must sign a Master Promissory Note (MPN), complete entrance loan counseling, and be registered for classes. More information may be obtained from the Student Financial Services Office or online at www.milligan.edu/sfs.
4. Graduate students wishing to apply for the Federal Direct PLUS Loan may contact the Student Financial Services Office if loan eligibility needs to be determined prior to the application process. Graduate students should Request a PLUS Loan at www.milligan.edu/SFS/loans. Graduate PLUS Loan borrowers may also be required to complete the Master Promissory Note. New Graduate PLUS Loan borrowers must complete entrance loan counseling and the Master Promissory Note.
5. Quickly respond to any other document requests you receive from the Student Financial Services Office.
6. If you feel that a mistake has been made regarding your financial aid or student account information, please contact Student Financial Services Office.

Student Rights and Responsibilities

As recipients of federal student aid (as opposed to state, institutional, or private aid), students have certain rights and responsibilities. Being aware of these rights and responsibilities enables students to make informed decisions about their educational goals and the best means of achieving them.

Student Rights

All students have the right to know:

a. The cost of attending a particular school and the school's policy on refunds to students who withdraw (Milligan University Catalog, Student Financial Services website, and Financial Aid Offer Instruction Booklet).
b. The forms of available financial assistance, including information on all federal, state, local, private, and institutional financial aid programs (Milligan University Catalog; Student Financial Services website; Financial Aid Offer Instruction Booklet).
c. The identity of the school's financial aid personnel, their location, and how to contact them for information (Milligan University Student Handbook and Student Financial Services website).
d. The procedures and deadlines for submitting applications for each available financial aid program (Milligan University Catalog and Student Financial Services website).
e. The methods through which the school determines financial need. This process includes methods of determining costs for tuition and fees, living expenses, travel, books and supplies, and personal and miscellaneous expenses. It also includes the resources considered in calculating need (such as other outside scholarships.) (Milligan University Catalog, Financial Aid Offer Instruction Booklet or Student Financial Services Website link to www.studentaid.gov).
f. How and when the student receives financial aid (Student Financial Services website, Milligan University Catalog).
g. An explanation of each type and amount of assistance in the financial aid package (Financia Aid Offer, Financial Aid Offer Instruction Booklet, Milligan University Catalog, and Student Financial Services website).
h. The interest rate on any student loan, the total amount that must be repaid, the acceptable time frame for repayment, and any applicable cancellation or deferment (postponement) provisions (Student Financial Services and Department of Education websites).
i. The school's policy in reconsidering your aid package if you believe a mistake has been made, or if your enrollment or financial circumstances have changed (Milligan University Catalog).
j. The manner in which the school determines satisfactory academic progress according to guidelines for receiving Federal Title IV financial assistance and the school's policies for addressing unsatisfactory academic performance. The Title IV Satisfactory Progress Policy is stated in this catalog or is available in the Student Financial Services Office.

Student Responsibilities

All students must:

a. Complete the Free Application for Federal Student Aid (FAFSA) if applying for federal and/or state financial aid and the Milligan University Admissions Application (incoming students only). Errors can delay or prevent the awarding of aid.
b. Know and comply with all deadlines for applying or re-applying for aid.
c. Provide all documentation, corrections, and/or new information to the Student Financial Services Office.
d. Notify the Student Financial Services Office of any information that has changed since the original application was completed.
e. Read, understand, and keep copies of all financial aid forms signed.
f. Repay any student loans. Signing a promissory note indicates agreement to repay the loan.
g. Complete both an entrance and exit interview if awarded a Federal Direct Unsubsidized Stafford Loan or Graduate Direct PLUS Loan (entrance counseling is required for new borrowers only).
h. Notify the Student Financial Services Office and the Department of Education of any change in name, address, or enrollment status (the number of credits in which a student is enrolled during any given semester).
i. Remain drug free. A federal or state drug conviction can disqualify a student for Title IV funds if such incident occurs during a period of enrollment for which the student is receiving Title IV aid.

For more financial aid information, contact:
Milligan University Student Financial Services Office
P. O. Box 250
Milligan, TN 37682
800.447.4880 • 423.461.8949 • www.milligan.edu/SFS

International Students

Milligan University is approved by the United States Department of Homeland Security for education of non-immigrant alien students.

Admission Process and Deadline

International Students must complete the standard application and admission process for the program to which they are requesting admission, plus provide proof of English Proficiency as outline below, and a passport copy. All admission materials must be received by June 1 for fall enrollment and December 1 for spring enrollment. An application is not considered complete until all required documents are on file.

Transcript Evaluation

All foreign transcripts (whether secondary or university level) must be evaluated by a NACES-approved Foreign Credential Evaluation service. International student-athletes are required to use InCred for NAIA eligibility. The evaluation must include a course-by-course level evaluation and include a conversion to the U.S 4.0 GPA scale. There are fees associated with this type of evaluation which are incurred by the student, not Milligan University. See http://www.naces.org/members.html

Proof of English Language Proficiency

International students whose native language is not English or do not hold a bachelor's degree completed in residency in the U.S. also must provide proof of the Test of English as a Foreign Language (TOEFL) score of at least 79; or International English Language Testing System (IELTS) score of at least 6.5; or ELS Master's Level Proficiency (successful completion of ELS Level 112). See "International Students" on page 213 for further requirements.

Students who reside in Japan may elect to take the EIKEN Test in Practical English Proficiency, administered by STEP (Society for Testing English Proficiency). The EIKEN score must be at the Grade Pre-1 or Grade 1 level to demonstrate English proficiency at an acceptable level.

Graduate students who attended a U. S. university will not need to provide proof of English Language Proficiency. Graduate students who are from the following countries will not need to provide proof of English Language Proficiency: United Kingdom, Republic of Ireland, Canada, Australia, New Zealand, and other English-speaking countries. Graduate students who attended a foreign university will need to provide proof of English Language Proficiency.

Proof of Support

International students must provide an affidavit of support AND prepay all expenses for one semester. $500 of the prepayment is non-refundable. The affidavit of support is a form provided by Milligan that must be signed by a financial sponsor and be accompanied by current official bank or financial institution records that provide proof of readily available funds, equal to or greater than total costs for one semester of enrollment, which will vary by program. The Milligan Admissions Office will provide that information at the point of application.

Provisions for Veterans Education Benefits for U.S. Armed Forces Members and Family

General Policies and Procedures

Milligan University is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 31, 32, 33, 35, 1606, and 1607.

First-time and transfer student veterans are required to provide a photocopy of Member Copy 4 of Department of Defense (DD) Form 214 Certificate of Release or Discharge from Active Duty, a copy of DD Form 2366 Montgomery GI Bill® Act of 1984 (GI Bill® election form), if available, or other veterans educational assistance benefit entitlement/eligibility documents, including but not limited to university fund contracts if any. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). Reservists and members of the National Guard need to provide DD Form 2384, Selected Reserve Educational Assistance Program Notice of Basic Eligibility. Dependents of totally and permanently service-connected disabled (or deceased) veterans applying for educational assistance benefits should provide a copy of the disabled veteran Rating Decision or a copy of their USDVA Certificate of Eligibility, if received from a previously submitted application.

Any covered individual will be able to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Milligan University will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

To receive VA education benefits while attending Milligan University, please refer to the satisfactory academic progress policies in the catalog for undergraduates and graduate students.

Most payments are made each month directly to the veteran. Some benefits available under Chapters 31 and 33 are paid directly to the University. The Veterans Administration provides counseling and vocational planning services for any veteran who needs this assistance. Students who desire additional information may contact their nearest Veterans Administration Office or the Registrar's Office of Milligan University

Policies and Procedures for Chapter 33 and the Yellow Ribbon Education Benefits Program

Application

Milligan University has been approved by the Department of Veterans Affairs to participate in the Post 9/11 G. I. Bill Education Enhancement Program, also known as the Yellow Ribbon Program. This approval began on August 1, 2009, and extends through July 31, 2023. Application and approval processes are based on an annual calendar running from August 1 through July 31. Milligan University has agreed to provide scholarship contributions for up to 50 undergraduate students and up to 10 graduate students. The maximum yearly scholarship amount for undergraduate students is $11,100; the maximum yearly scholarship amount for graduate

students is $5,000. Students would also be eligible for merit-based scholarships in addition to the yellow ribbon scholarship provided by Milligan. These scholarships, when combined, would not exceed the total tuition charges for the academic year.

For a veteran to be placed on a first-come-first-serve list for Yellow Ribbon benefits, the School Certifying Official (SCO) (at Milligan, this is the Associate Registrar) must receive the following documentation for the veteran:

1. Any pertinent VA Form DD-214 (noting honorable discharge)
2. Notification from VA of veteran's eligibility for Chapter 33 benefits including the percentage of eligibility (Only veterans who are eligible at the 100% level can receive the Yellow Ribbon scholarship.)
3. An award letter from the VA for students who are eligible and have been approved for Transfer of Entitlement from a parent or spouse

In addition, the veteran must have been admitted to Milligan University. After calculating the annual number of Yellow Ribbon recipients, the SCO will notify students that they have either been accepted into the Yellow Ribbon Program and/or placed on a waiting list.

Distribution of Funds
Yellow Ribbon monies will be distributed for each fall and spring semester of enrollment in the form of institutional scholarships for each award year that the University is approved by the VA for the Yellow Ribbon Program.

Certification to the VA
Enrollment at Milligan University will be reported by the SCO using VA-Once for each enrollment period, noting credit hours, start/end dates, full/part time status, tuition, fees, and Yellow Ribbon scholarship amount. As noted in the MSOT section of the catalog section, the MSOT programs includes two non-standard sessions/term that will count as full-time enrollment.

Changes in Enrollment
Students receiving VA education benefits must notify the SCO immediately of any changes in hours including adds, drops, and withdrawals from the University.

Debts
Students receiving VA education benefits are responsible for debts incurred through overpayments by the VA that resulted from dropped courses or from completed courses with grades received which do not count toward graduation. The process for withdrawal from class/university and the refund policy are described in the catalog. In VA-Once the SCO notifies the VA of the change in enrollment status, which could result in the student owing money to the VA and/or the univrersity.

Appeals Process
An appeal related to decisions made by Milligan University should be initiated with the SCO, who, if necessary, will involve the VP for Business and Finance in the ruling on the appeal.

Military Leave Policy
If a reserve student is called up or if a student enlists for active military duty while attending Milligan University, the University will do its best to protect the academic and financial interests of the student within the norms of good academic judgment. The student must meet with the Academic Dean and provide proof of being called to active duty. The Dean, after conferring with the Director of Financial Aid, the Vice President for Business and Finance, the student's current instructors and advisor, and the student, will decide the course of action. The Dean will then process the necessary paperwork and place the student on military leave status. If the student does not concur with the Dean's decision, the student may appeal to the President. The student is responsible for all room and board and related expenses incurred.

Refund policy
Funds provided by the Departments of Defense and Veterans Administration will be earned on a pro-rata basis through the 60% point in the enrollment period, with unearned funds returned based upon when a student stops attending. After a student has completed 60% of the enrollment period, he or she has earned 100% of the funds provided under the TA program. For official withdrawals, the return of TA funds will be calculated within 45 days of a student's withdrawal from the University; for unofficial withdrawals, the calculations are performed within 30 days following the end of the semester. Refund policies for institutional, federal, and state financial aid are located in the Financial Aid section of the *Catalog*.

Readmission
Service members who did not attend, or did not continue to attend, because of service in the uniformed services may seek readmission to a Milligan University program of study with the same academic status as when previously admitted. Please see the Admissions section of the catalog for information about readmission procedures.

Education Plan
The catalog describes the requirements for the completion of the various programs of study including the total number of hours required for completion of the degrees along with the general education requirements, major and/or minor requirements, and elective courses. In addition, the University Registrar evaluates previous coursework from other accredited institutions and relevant military training and provides a summary of the findings. When awarding credits for military service, the University follows the recommendations of the American Council on Education Guide to the Evaluation of Educational Experiences in the Armed Forces. This evaluation is provided within 60 days after the individual has selected a degree program and all required official transcripts have been received.

Department of Defense Service Members Tuition Assistance Programs Policies and Procedures
Milligan University is in a voluntary education partnership with the Department of Defense to provide access to quality postsecondary educational programs to advance the personal education and career goals of service members, their eligible family members, DoD civilian employees, and military retirees. Eligible service members should contact and receive approval from an Educational Services Officer (ESO) or counselor within the Military Service prior to enrolling at Milligan. The Information Sheet for Military Service Members at https://www.milligan.edu/veterans/#veterans discloses general policies and procedures at Milligan to help service members compare educational institutions.

Point of Contact
For more information regarding VA benefits, contact:

Becky Robertson, Associate Registrar
Milligan University Registrar's Office
P. O. Box 52
Milligan, TN 37682
423.461.8415 •RLRobertson@milligan.edu

Master of Arts in Coaching and Sport Management (MACSM)

School of Sciences and Allied Health
Area of Exercise Science

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Arts in Coaching and Sport Management (MACSM) program specifically endeavors to prepare graduates for leadership roles in sport and athletics. The MACSM program provides students with the option of focused training in either traditional collegiate coaching practices or the broader realm of collegiate sport management. Students' professional engagement in advanced levels of athletics is supported and promoted with the Christian faith as the basis for serving and leading in contemporary fields of athletics. This program offers a variety of electives that will allow students from multiple undergraduate disciplines to tailor their program to meet their specific needs and interests. Students are allowed to enroll in MACSM coursework during any term in the program: fall, spring, or summer.

The MACSM program supports Milligan University's institutional outcomes in scholarship, community, and faith by preparing graduates who will:

1. understand and utilize the role of research in making evidence-based decisions in athletics;
2. consider and verbalize the role of personal faith in contemporary sport settings;
3. identify, evaluate, and implement psychological and social principles and practices that influence leadership roles in the athletic setting; and
4. synthesize information for presentations via a variety of forms of communication.

Admission Requirements

The minimum requirements for admission to the MACSM program are as follows:

1. A baccalaureate degree from a regionally-accredited college with overall undergraduate grade point average of 2.8.
2. Two page, typed personal statement.
3. Official transcripts from every college attended whether or not the applicant graduated from that school
4. The Graduate Record Examination (GRE) is not required for students with a strong undergraduate grade point average. For students with an undergraduate grade point average below 2.8, completing the GRE might prove helpful in the admittance process. In this case, official GRE scores must be submitted to Milligan University.
5. International students should see the additional requirements listed on page 213. **International student admission to the MACSM program is pending program approval by the Student Exchange Visitor Program (SEVP).**
6. Two references (one academic; one character)
7. Interview with faculty admissions committee may be required.

Final selection of students will be made by the MACSM admissions committee.

Enrollment of Undergraduate Students in Graduate Courses

Senior level Milligan University students who plan to apply for admission to the MACSM program may enroll in one 3-hour graduate course each semester. Up to six hours of undergraduate work a) beyond the minimum 128 hours of undergraduate requirements and b) in addition to the required hours in students' respective majors (and/or concentrations) may be taken for graduate credit and applied toward the MACSM degree program. Undergraduate students are urged to work closely with their academic advisors and with the Director of the MACSM program in planning their class schedules

Conditional Admission

Students who do not meet the minimum GPA may be required to submit work or further evidence of their recent academic abilities. Upon review of all application materials, such students may be granted conditional admission at the discretion of the MACSM Admissions Committee.

For students who are admitted conditionally, the program director will review their academic progress following the first semester of attendance. If the student is not performing at a level that will keep them on track to graduate, they will be given one more semester to demonstrate the ability to master the program requirements. Conditional admission may be changed to unconditional admission if the student achieves a grade point average of 3.0 after the successful completion of the first semester. Alternatively, if a student does not achieve a grade point average of 3.0 after two full semesters, the student may be dismissed from the program.

Temporary Withdrawal and Readmission

Students are encouraged to maintain continuous enrollment after beginning classes. Realizing that extenuating circumstances may occur that require a student to withdraw temporarily from the program, there is a provision for one such withdrawal.

Students who determine that it is necessary to withdraw from the program must notify the program director. Students must provide a written rationale for the decision to withdraw in addition to the appropriate withdrawal form to the director. The program director routes the written request and form to the appropriate university offices. The official date of the withdrawal is determined by the date the written request is received by the program director.

Students who withdraw from the MACSM program before the withdrawal deadline for the semester receive "Ws" for any uncompleted courses in the semester in which they are enrolled at the time of the withdrawal. After the withdrawal deadline, classes are evaluated with the grade of "WP" ("withdrawal and passing") or "WF" ("withdrawal and failing) at the discretion of the instructor. The withdrawal deadline is included in the academic calendar for each semester.

Students receiving financial aid who choose to withdraw from a course or from the program must understand that their decision can have significant consequences related to financial aid. Any refund of tuition or fees in case of withdrawal is governed by the refund policy in the Financial Information section of the catalog. The Registrar makes any exceptions to stated academic withdrawal policy.

In order to be readmitted, students must have approval by the Director of the MACSM program. Students must request readmission within three years of withdrawing. Readmission is granted pending space availability at the appropriate point in the curriculum. Graduation requirements in effect at the time of readmission will apply.

Please see the Milligan University *Catalog* regarding implications of withdrawal and/or readmission for recipients of financial aid.

Grade Requirements for Graduation

Students must achieve a cumulative grade point average of "B" (3.0) to graduate from the MACSM program.

Faculty Advisor
The nature of the MACSM program requires significant guidance and communication with the director of the program/faculty advisor. The director of the program will help advise in matters of withdrawal, readmission, graduation requirements, and other institutionally related matters. Students will be assigned to the director of the program for advising upon their enrollment in the program. The director will respond to students' questions.

Transfer Credit
A maximum of nine semester hours of graduate credit in acceptable areas of study may be considered by the Graduate Admissions Committee for transfer from other approved institutions to the Milligan University MACSM degree program. Any transfer hours must be approved by the program director prior to beginning the program.

Library
Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized exercise science- and sport-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Curricula

Core Courses (21-24 hours):

BADM 530 Management and Leadership (3 hrs)
EXSC 522 Integration of Faith and Sport (3 hrs)
EXSC 560 Psychology of Coaching and Sport Leadership (3 hrs)
EXSC 586 Sport Law and Sport Ethics (3 hrs)
EXSC 601 Research Methods in Sport and Athletic Administration (3 hrs) or BADM 534 Analytical Decision Making
EXSC 620 Social Context of Sport/Athletics (3 hrs)
EXSC 660 Captsone (3 hrs) or EXSC 694 Thesis (6 hrs)

Electives (12-15 hours):

ACCT 530 Seminar in Managerial Accounting
BADM 524 Analytical Decision Making (3 hrs)
BADM 535 Managing Human Resources (3 hrs)
EXSC 508 Strength and Conditioning (3 hrs)
EXSC 509 Advanced Injury Prevention (3 hrs)
EXSC 520 Coaching Foundations (3 hrs)
EXSC 525 Athletic Media and Communication (3 hrs)
EXSC 582 Athletic/Sport Promotion (3 hrs)
EXSC 583 Sport Finance and Economics (3 hrs)
EXSC 584 Sport Event and Facility Management (3 hrs)
EXSC 591 Internship (3-6 hrs)
EXSC 605 Acquiring and Developing Skill (3 hrs)
EXSC 610 Athletic Recruiting Practices (3 hrs)
EXSC 615 Athletic Administration (3 hrs)
EXSC 633 Advanced Sport Nutrition (3 hrs)
IS 520 Information Systems (3 hrs)

Total number of required hours: 36

Master of Arts in Humanities (MAH)

School of Arts and Humanities
Area of Humane Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Arts in Humanities (MAH)program specifically endeavors to build on the ethos of Milligan's identity as a liberal arts institution and on its strong undergraduate humanities core. The program provides a strong foundation in interdisciplinary study, and is designed to generate productive conversations between fields.

The MAH program supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pp 1-2) by preparing graduates who will:

5. investigate the variety of human cultures and demonstrate an understanding of the ways in which cultures interact;
6. understand and employ a wide range of methods for recording and explaining human experience and responsibility to creation;
7. describe ways in which a given worldview reflects a way of thinking, cultural heritage, larger set of cultural values, or aspects of society;
8. identify and assess their own and others' values;
9. evaluate the underlying premises in their own and others' arguments;
10. effectively communicate about language, culture, philosophy, faith, history, and art;
11. build dialogue between different fields of study.

The MAH is a 30-hour program governed by three overarching themes: arts and faith studies, cultural studies, and global studies. All students must complete the core sequence (HUMN 500 and 501) before enrolling in the HUMN 600 capstone.

- *Cultural Studies*: a focus on how "culture" is constructed and maintained; focuses on individuals in relation to their societies.

- *Global Studies*: a focus on how communities interact with one another; focuses primarily upon relationships between nation-states and the various flows of goods and information between them, and what it means to be human in light of globalization.

- *Arts, Faith, and Community*: a focus on the intersections between art, culture, faith, and nature; focuses on relationships lived in human community and in the community of creation.

Progression:
1st year: (6-21 credit hours)
- Complete HUMN 500 and 501
- Enrollment in as many electives as approved by advisor

2nd year: (12-24 credit hours)
- Enrollment in remaining electives
- Complete HUMN 600—capstone project

Capstone Experiences
(Prerequisites include: HUMN 500, 501, and at least 4 electives before enrolling in the HUMN 600; that is, students may enroll in a final semester which includes 2 electives and the capstone).

The MAH capstone is the culminating experience of the M.A. in Humanities; it gives students the opportunity to identify researchable issues relevant to the humanities. The capstone encourages students to build

sound critical arguments and analyses about human life, ideas, culture, faith, and their surroundings, while recognizing the value of diverse academic disciplines and perspectives. Students will also be expected to share their research or portfolio with their peers. Each student in the degree program must prepare a Capstone Project. It involves extensive interdisciplinary work and is completed in close collaboration with faculty advisor(s).

- Research experience: students may elect to research a Master's thesis under the direction of a faculty advisor
- Project: students may elect to create a professional or creative project and portfolio under the direction of a faculty advisor. The portfolio will showcase the research and outcomes of the professional or creative project.

The Master of Arts in Humanities degree program supports the following goals of Milligan University:

- Students will express the importance of their faith and the impact of Christian scriptures in activities such as the following: written and oral discussions, participation in communities of faith, involvement in Bible studies, and faith-inspired service.

- Students will demonstrate social responsibility in numerous ways, such as serving in churches, on the mission field (domestic and foreign), and with social agencies; mentoring, nurturing, and protecting others; and displaying increased understanding of and experience with other cultures.

- Students will demonstrate sound interdisciplinary scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively in speaking and writing, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major fields of study.

- Students will gain an enriched quality of life through awareness of health issues, appreciation for the arts and sciences, stewardship of resources, and preparation for graduate studies and a rewarding career or profession.

Program Learning Outcomes

Upon completion of the Master of Arts in Humanities program, students will:

1. be able to analyze other value systems in conversation with a Christian worldview;
2. develop multi- and interdisciplinary approaches to knowledge;
3. be able to evaluate our responsibilities as human beings and citizens to the rest of the created order;
4. be able to articulate more fully what it means to be human in a constantly shifting cultural landscape.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized humanities-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Admission Requirements

The minimum requirements for admission to the MAH program are as follows:

8. A baccalaureate degree from a regionally-accredited college with overall undergraduate grade point average of 3.2. Official transcripts from every college attended whether or not the applicant graduated from that school
9. The Graduate Record Examination (GRE) is not required if an applicant's overall undergraduate grade point average is 3.2 or higher. If required, official GRE scores must be submitted to Milligan University.
10. International students should see the additional requirements listed on page 213.
11. Two professional or academic references
12. Interview with faculty admissions committee may be required.

Final selection of students will be made by the MAH admissions committee.

Enrollment of Undergraduate Students in Graduate Courses

Junior and senior level Milligan University students may enroll in one 3-hour graduate course each semester with instructor approval. Up to nine hours of undergraduate work a) beyond the minimum 128 hours of undergraduate requirements and b) in addition to the required hours in students' respective majors (and/or concentrations) may be taken for graduate credit and applied toward the Master of Arts in Humanities degree program. Undergraduate students are urged to work closely with their academic advisors and with the Director of the MAH program in planning their class schedules.

Conditional Admission

Students who have submitted all required application materials but do not meet the minimum GPA or GRE requirements may be required to write a statement of motivation and goals. Upon review of all application materials, such students may be granted conditional admission at the discretion of the MAH Admissions Committee.

Conditional admission may be changed to unconditional admission if the student achieves a grade point average of 3.0 after the successful completion of two full semesters. Alternatively, if a student does not achieve a grade point average of 3.0 after two full semesters, the student may be dismissed from the program.

Temporary Withdrawal and Readmission

Students are encouraged to maintain continuous enrollment after beginning classes. Realizing that extenuating circumstances may occur that require a student to withdraw temporarily from the program, there is a provision for one such withdrawal.

Students who determine that it is necessary to withdraw from the program must notify the program director. Students must provide a written rationale for the decision to withdraw in addition to the appropriate withdrawal form to the director. The program director routes the written request and form to the appropriate university offices. The official date of the withdrawal is determined by the date the written request is received by the program director.

Students who withdraw from the MAH program receive "Ws" for any uncompleted courses in the semester in which they are enrolled at the time of the withdrawal. The grade of "F" is recorded for a student who withdraws after the withdrawal deadline. The withdrawal deadline is determined on a semester basis by the Registrar's Office.

Students receiving financial aid who choose to withdraw from a course or from the program must understand that their decision can have significant consequences related to financial aid. Any refund of tuition or fees in case of withdrawal is governed by the refund policy in the Financial Information section of the catalog. The Registrar makes any exceptions to stated academic withdrawal policy.

In order to be readmitted, students must have approval by the Director of the MAH program. Students must request readmission within three years of withdrawing. Readmission is granted pending space availability at the appropriate point in the curriculum. Graduation requirements in effect at the time of readmission will apply.

Please see the Milligan University *Catalog* regarding implications of withdrawal and/or readmission for recipients of financial aid.

Grade Requirements for Graduation

Students must achieve a cumulative grade point average of "B" (3.0) to graduate from the MAH program.

Faculty Advisor

The nature of the MAH program requires significant guidance and communication with faculty advisors. The director of the program also helps advise in matters of withdrawal, readmission, graduation requirements, and other institutionally related matters. Students will be assigned a faculty advisor upon their enrollment in the program. The faculty advisor and/or the director will respond to students' questions.

Transfer Credit

A maximum of nine semester hours of graduate credit in acceptable areas of study may be considered by the Graduate Admissions Committee for transfer from other approved institutions to the Milligan University M.A.H. degree program. Any transfer hours must be approved by the program director prior to beginning the program.

Accelerated BA+MAH Plan

Exceptional students can earn the Bachelor's and Master of Arts in Humanities (MAH) degree in five years from Milligan. This is a 4+1 plan where students can complete the MAH degree in one academic year plus summer (three semesters) after receiving a bachelor's degree. Undergraduate students can major in a variety of fields but need approval from their advisor and the director of the MAH program. The Accelerated Plan should be declared by the fall of the junior year and the student can take up to nine hours of MAH courses as an undergraduate. Approval for the Accelerated Plan is not a guarantee of admission to the Milligan MAH program.

Master of Business Administration (M.B.A.)

William B. Greene, Jr., School of Business and Technology
Area of Business

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the mission of the Business Area is "to honor God by educating men and women to be servant leaders in business related fields." The Master of Business Administration program specifically endeavors to prepare students for roles of leadership in business. Students' knowledge of the major functional areas within business is reinforced while a commitment to Christian values and ethical conduct prepares students to meet the challenges of a highly competitive business environment with integrity and character. The MBA program offers the same curriculum through two different delivery methods to meet the unique needs of two distinct groups of students.

The Executive MBA program is a cohort-based, 32-credit hour degree delivered over approximately 14 months, divided into four semesters. Classes meet approximately one Saturday each month and continue via extensive Internet-based contact with fellow students and with faculty in the period between class sessions. The combination of weekend class meetings and distance-based components is well suited for mature, working students with meaningful business experience. The Office of Graduate and Professional Studies should be contacted for current schedules and cohort start dates.

The Accelerated Traditional MBA program is a cohort-based, 32-credit hour degree delivered over approximately 12 months, divided into three semesters. The program begins in May with a 12 credit hour summer semester of courses delivered in a combination of online and evening formats. The fall and spring semesters (9 and 11 credit hours, respectively) deliver courses scheduled during weekday mornings. This program is well suited for recent undergraduates, student athletes and those who have not yet acquired meaningful business experience.

The MBA program supports Milligan University's institutional outcomes in scholarship, community, and faith (see catalog pages 1-2) by preparing graduates who will:

1. acquire, integrate, and apply the body of knowledge found within the major functional areas;
2. synthesize and integrate information into the creation of oral presentations and coherent written arguments;
3. develop critical thinking skills for the evaluation of business decisions;
4. demonstrate the relevance of personal faith on professional development.

Students must make appropriate payment arrangements with the Business Office prior to the start of classes. Please refer to the Financial Information section of the catalog for payment and refund information.

Financial aid is available for degree-seeking students. Students should refer to the Financial Aid section of the catalog for information regarding general eligibility requirements, aid available for students enrolled in graduate programs, award criteria for the programs available, etc. Any questions students may have regarding financial aid may be addressed by contacting the Financial Aid Office, 800-447-4880.

Admission Requirements

The minimum requirements for admission to the Executive MBA program include:

- A baccalaureate degree from a regionally accredited institution.
- Completed application, including a writing sample that demonstrates the applicant's ability to communicate effectively in writing.
- Official transcripts from every college attended whether or not the applicant graduated from that school.
- Two professional recommendations that support the applicant's character and ability to do graduate work.
- Milligan's MBA is intended for working professionals who have "meaningful work experience." The ideal candidate has a firm grasp of business (or non-profit) operations, experience in exercising management discretion and authority, and responsibility for business planning or budgetary responsibilities.
- Coursework or demonstrated competency in accounting principles, principles of macro and microeconomics, management, marketing, computer applications, statistics and/or calculus.
- An acceptable Peregrine Applicant Assessment score may be required if an applicant's overall undergraduate grade point average is 2.75 to 2.99. The Peregrine Applicant Assessment is not required if an applicant's overall undergraduate point average is 3.00 or higher.
- International students should see the additional requirements listed on page 213.
- An interview with members of the admissions committee may be required.
- An acceptable score on a business knowledge examination administered by Peregrine Academic Services may be required for applicants without an academic background in business.

The minimum requirements for admission to the Accelerated Traditional MBA program include:

- A baccalaureate degree from a regionally accredited institution.
- Completed application, including writing sample essays that demonstrate the applicant's ability to communicate effectively in writing.
- Official transcripts from every college attended whether or not the applicant graduated from that school.
- Coursework or demonstrated competency in accounting principles, principles of macro and microeconomics, management, marketing, computer applications, statistics and/or calculus.
- An acceptable Peregrine Applicant Assessment score may be required if an applicant's overall undergraduate grade point average is 2.75 to 2.99. A letter of reference may also be required.
- International students should see the additional requirements listed on page 213.
- An interview with members of the admissions committee may be required.
- An acceptable score on a business knowledge examination administered by Peregrine Academic Services may be required for applicants without an academic background in business.

Applications follow a rolling admissions policy during the application period. Applicants are encouraged to contact the GPS Office or the MBA Program Coordinator for upcoming deadlines relative to admission.

Pre-MBA Concentration Admission

Traditional undergraduates at Milligan University may seek direct admission to the Executive MBA program by completing the Pre-MBA concentration within the Business Administration major. This concentration is intended as a second concentration (students may not concentrate in Pre-MBA alone), and students must meet the following criteria to be admitted through this program:

1. Permission of the MBA Director
2. 3.25 cumulative GPA at graduation
3. Demonstrated character and maturity consistent with expectations of all students in MBA program
4. Maintain full time employment while enrolled in MBA

The courses required to complete this curriculum are:

1. IS 520: Information Systems (3 credit hours)
2. BADM 491: Internship (3 credit hours)
3. BADM 385: Personal and Professional Development OR BADM 491: Internship (3 credit hours)

IS 520 will be taken spring semester, senior year. After graduation, the course will be moved to the student's graduate school transcript. The credits earned for this course do not count towards the student's undergraduate degree.

Admissions Committee

The admissions committee evaluates applicants on the overall merit of all admissions criteria. The committee allows strengths in some areas to compensate for weaknesses in another area. The overall intent is to admit students who the admissions committee believes will contribute effectively to the overall cohort and who are considered to have high potential for success in a graduate program.

Unconditional Acceptance

Applicants who meet all admissions criteria are admitted unconditionally to the MBA program. Cohort positions are reserved in the order in which the Enrollment Confirmation form and enrollment deposit are received. If space is not available in the requested cohort, the applicant is placed on a waiting list or, alternatively, admitted to the next scheduled cohort.

Conditional Acceptance

Students may be accepted to the MBA program on a conditional basis, pending the completion of any or all of the following requirements specified by the MBA Admissions Committee:

- prerequisite course(s) and/or modules(s)
- acceptable score on Peregine Academic Services business knowledge examination
- other preparations specified by the MBA Admissions Committee

Upon completion of all requirements, and at the discretion of the MBA Admissions Committee, the applicant will either be granted unconditional acceptance or be declined for the program. All requirements must be completed and appropriate documentation received by the deadline(s) set by the MBA Admissions Committee for an applicant to receive consideration for the requested cohort.

Applicant Deferral Policy

MBA applicants who have been conditionally or unconditionally accepted have two years from the date on the initial acceptance letter to satisfactorily complete any necessary prerequisites and to matriculate as Milligan MBA students. If the applicant does not matriculate to Milligan within the time specified, it will be necessary to reapply to the program.

Financial Information

Graduate tuition is $19,200 for the full program (or $600 per credit hour). A non-refundable $30 application fee is required with the application. Applicants who are accepted in the program are required to submit a completed Enrollment Confirmation form and $150 non-refundable deposit by the deadline stated in their letter of acceptance. Cohort positions are reserved in the order in which these items are received. Students are required to pay a $75 lifetime academic records fee in the first semester. There are no other mandatory or course fees for this program.

Transfer Credit
Due to the nature of the program, transfer credit will be considered only on an individual basis by the MBA Director and chair of the Business Area. A maximum of three courses from other regionally accredited graduate business and economics programs with a grade of B (3.0) or better may be considered for transfer to the Milligan MBA program.

Library
Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized business-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Class Drop Policy
Students who choose to drop a class must notify the MBA Director or MBA Program Coordinator. The MBA Program Coordinator will assist with the completion of the appropriate paperwork to effect the class drop. Students are encouraged to check with Student Financial Services before dropping a class to discuss any financial aid implications.

Classes dropped prior to the first night of class will not appear on the student's transcript. Students may drop a class with a grade of "W" based upon the following schedule:

Class Length	Deadline for Receiving Grade of "W" Due to Withdrawal
Five weeks	End of 3rd week of class
Eight weeks	End of 6th week of class

Students dropping a class after the deadlines indicated above will be assigned a grade of "WP" (withdrawal, passing) or "WF" (withdrawal, failing, and equivalent to an F) at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions. Any refund of tuition in case of dropping a class is governed by the refund policy in the *Graduate – Financial Information* section of the catalog.

Program Withdrawal Policy
Program withdrawal entails the dropping of all classes in a current semester and ending the student's enrollment at the University.

Intentional Withdrawal
Students intentionally withdraw when they drop all classes in which they are enrolled in a current term and complete the appropriate paperwork to withdraw from the University.

Administrative Withdrawal
The University may administratively withdraw students who are not attending class or who otherwise are not demonstrating serious academic effort or integrity.

Students who determine that it is necessary to withdraw from the program must notify the MBA Director, the MBA Program Coordinator, or the Office for Graduate and Professional Studies. The MBA Coordinator will assist with the completion of the appropriate paperwork for withdrawing from the University.

Classes dropped prior to the first class meeting and as the result of an intentional or administrative withdrawal will not appear on the student's transcript. Withdrawals will result in class grades of "W" for incomplete classes when the withdrawal takes place within the following time limits of a particular class:

Class Length	Deadline for Withdrawal with Grade of "W"
Three weeks	End of 2nd class meeting
Four weeks	End of 3rd class meeting
Five weeks	End of 3th class meeting
Six weeks	End of 4th class meeting

Withdrawals occurring after the above time limits will result in a grade of "WP" or "WF" for the class currently under way at the discretion of the instructor. However, the instructor or Academic Dean has the right to assign a grade of "WF" at any point in the semester in instances of academic dishonesty or other academic infractions. Any refund of tuition in case of dropping a class is governed by the refund policy in the *Graduate – Financial Information* section of the catalog.

Academic Probation and Retention Standards
Retention in the MBA program is based upon academic performance and adherence to the University's code of academic integrity. Specific standards include but are not limited to:

- The student must maintain a cumulative grade point average of "B" (3.0 - computed at the conclusion of each semester) or the student is placed on academic probation. The student will receive written notification of probation. Students, who are under academic probation, have until the end of the following semester to raise the cumulative GPA to at least 3.0. Failure to do so will result in an immediate dismissal from the MBA program.
- Students earning a C in two or more courses will be placed on academic probation. The student will receive written notification of probation. Students, who are under academic probation, have until the end of the following semester to raise the cumulative GPA to at least 3.0. Failure to do so will result in an immediate dismissal from the MBA program.
- Students earning a C in three or more courses will be dismissed from the program. The student will receive written notification of dismissal. Students earning an F in any course will be dismissed from the program. The student will receive written notification of dismissal.
- Students who were dismissed from the MBA program because of academic performance have the option of applying for re-admission by submitting a written appeal to the MBA Director. The MBA Director will bring the appeal to the full-time business faculty for review in a meeting called by the area chair. The student will be notified in writing of the results. It should be noted re-admission is not guaranteed. In addition, those seeking re-admission may be required to repeat courses in which less than satisfactory results were achieved.
- The student must adhere to a high level of academic integrity, which includes, but is not limited to, completion of one's own work and refraining from plagiarism or the failure to use proper citation procedures. Failure to adhere to this level of academic integrity can result in dismissal from the program.

No refunds or adjustments to tuition charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Readmission
In order to be readmitted, students must have approval by the MBA Director. Students must request readmission within three years of withdrawing. Readmission is granted pending space availability at the appropriate point in a subsequent cohort. Graduation requirements in effect at the time of readmission will apply.

Requirements for Graduation
Students must achieve a cumulative grade point average of "B" (3.0) to graduate from the MBA program. In addition to the graduation requirements under the academic policies of this catalog, students are required to submit one assignment from each class into their MBA Portfolio to document their mastery of applicable Milligan University graduate program outcomes. Candidates for a degree are identified through their completion of the "Intent to Graduate" form.

Faculty Advisor
The nature of a cohort-based program minimizes the need for extensive and ongoing academic advising. However, it is recognized that questions

related to such things as withdrawal, readmission, graduation requirements, and other academically related matters may arise. In the event of such questions, students should contact the MBA Director for assistance. The Director will either respond to your questions directly, or may direct your question to others for response.

Accelerated Bachelor's/Master's Plan (5 Year BS/Executive MBA)

Exceptional Milligan undergraduate business administration majors with demonstrated leadership potential, outstanding grades (must have a 3.25 or above cumulative GPA at undergrad graduation), and personal maturity may be eligible for the accelerated bachelor's + Executive MBA plan. This is a 4+1 (5 year) plan that gives students the opportunity to complete the Executive MBA program in one academic year (+ May term) after receiving a bachelor's degree. With faculty approval, students take a specific set of MBA prerequisites during their undergraduate program, apply to the Executive MBA program during their senior year, and take an Executive MBA class during their senior year if qualified. If admitted, the student may then complete the Executive MBA program the following year, while maintaining full-time employment. *Approval to complete the Executive MBA Preparation Concentration is not a guarantee of admission to the Milligan Executive MBA program.*

Curricula

The following courses are required for completion of the MBA (total of 32 hrs):

ACCT 530 Seminar in Managerial Accounting (3 hrs)
BADM 517 Marketing Strategy (3 hrs)
BADM 524 Analytical Decision Making (3 hrs)
BADM 530 Management and Leadership (3 hrs)
BADM 535 Managing Human Resources (3 hrs)
BADM 541 Business Ethics from a Christian Perspective (3 hrs)
BADM 544 Strategic Management (5 hrs)
ECON 514 Managerial Finance (3 hrs)
ECON 524 Managerial Economics (3 hrs)
IS 520 Information Systems (3 hrs)

Master of Education (M.Ed.)

School of Social Sciences and Education
Area of Education

Initial Licensure

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Education (M.Ed.) program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The M.Ed. program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who:

1. understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences;
2. use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards;
3. work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation;
4. understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content;
5. understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues;
6. understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making;
7. plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context;
8. understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways;
9. uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner;
10. seek opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession;
11. develop critical thinking skills by engaging in the research process;
12. demonstrate knowledge of research-based practices related to the field.

**Based on the InTASC Model Core Teaching Standards.

The Master of Education (M.Ed.) program includes both initial licensure and non-licensure degree options. The initial licensure degree is typically a four semester (which may include summer) professional educational program that prepares teachers for the high level of competence expected by public and private educational institutions. The initial licensure and non-licensure programs increase both the quality and quantity of the educational experiences for teachers and others in professional education.

The M.Ed. initial licensure program is designed for students who have a baccalaureate degree with a strong general education component and one or more specialty or endorsement areas (or majors). This program typically consists of 41 to 63 semester hours of graduate study. Additional prequistes may be required to meet State of Tennessee licensure standards and will be detetmined by individual transcript reviews. Available areas of licensure are essentially the same as those listed above for the undergraduate education program. Candidates may finish the M.Ed. program in four semesters which may include summer. Students may also choose to extend course work beyond this period.

Key Assessments

Students in all graduate degree licensure-seeking programs are required to complete key assessments documenting their mastery of applicable Milligan University graduate program outcomes. Initial and continuing candidacy status is contingent upon periodic review of progression and performance on key assessments. Students will not receive a passing grade in Education 560 Advanced Capstone Seminar until all key assessment and progression requirements are fully met. Students failing to meet these deadlines will receive a grade of "No Grade" in EDUC 560A and B Capstone Seminar. This grade of "No Grade" will delay graduation, program completion, and recommendation for licensure.

Immunization

All students must submit a completed and approved immunization form prior to attending classes. These forms are provided in the pre-enrollment packets and are required by the State of Tennessee.

Unconditional Admission – Initial Licensure

The minimum requirements for unconditional admission to the M.Ed. program are as follows:

1. 2 official transcripts from all institutions
2. 3.0 overall GPA
3. Passing M.Ed. Admission Test Score at 50th percentile
    a. ACT - 21
    b. SAT – 1080
    c. Praxis Core - Reading 172 and Math 156
    d. GRE – Verbal 151 and Quantitative 153
4. Passing M.Ed. Writing Test Score at the 50th percentile
    a. ACT Writing – 7
    b. SAT Writing - 7
    c. Praxis Core Writing - 166
    d. GRE Writing – 4
5. Meet all content requirements with a grade of C or better for licensure
6. Favorable interview with two M.Ed. Committee Members
7. International candidates should see the additional requirements listed on page 213.
8. Must submit all transcripts, admission test score, writing test score, two interview recommendations, application fee, immunization record, recent background check (within 12 months), and content check.
9. Required content courses based on the area/discipline in which the candidate plans to teach. Teacher candidates must know, understand, and use the central concepts, tools of inquiry, and structures of the disciplines they will teach. For unconditional admission, teacher candidates must have completed subject matter undergraduate requirements for teacher licensure (or equivalent) as follows:
    a. **Elementary education**: a basic pattern of liberal arts courses to assure licensure (two courses in language or literature; two courses in social studies, one of which is American History; two courses in science [physical and biological with labs]; and two courses in math); ***or***

b. **Secondary education**: (1) basic pattern of liberal arts courses to assure licensure; (2) specific courses in endorsement areas with a minimum 3.0 GPA to assure content competency consisting of at least 24 hours that are the equivalent of a major in that area (See catalog for a list of licensure programs available).

Conditional Admission

Occasionally, the M.Ed. Admissions Committee may grant conditional admission. Candidates must submit all transcripts, two interview recommendations, application fee, immunization record, recent background check (within the previous six months), and content check. Candidates may not begin their second internship until they have been unconditionally admitted.

Special Enrollment

This status is designed for a student whose goal is to be accepted into the M.Ed. program as non-degree seeking, licensure only, but who does not meet the admission standards. The Graduate Admissions Committee requires at least conditional admission status for the student to enter the licensure-seeking status. A student in this circumstance may enter as a special student to complete licensure requirements and must maintain at least a 3.0 grade point average while in the program. The student must submit a completed application, a letter requesting special student status, and two full sets of transcripts to the Graduate Admissions Office. This status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives.

Job-Embedded

Job-embedded admission is designed for candidates hired in a teaching position in a high needs area. The candidate must be hired by a local school district and a letter verifying employment must be submitted by the district. Upon admission, the candidate must either pass the content Praxis exam or completed 24 hours with a 3.0 or better (or a major) in the content. Favorable interviews with two M.Ed. Committee members is also required. By the end of the first semester, the candidate must complete 3 hours of graduate method courses, meet unconditional admission requirements, and pass the Praxis content exam. Any candidate not meeting these requirements by the end of the first teaching semester will be listed as off-track with the TN State Department of Education. Job-embedded students who are dismissed from the program will be listed as non-affiliated with the TN State Department of Education.

Graduate Admissions Committee

Admission to the program is determined by the Graduate Admissions Committee, which is composed of teacher education faculty and non-teacher education faculty. The academic dean makes all appointments to the M.Ed. Graduate Admissions Committee.

Admission to the Teacher Education Program

Stage 1:

Candidates will create a Program of Study with their education advisor. Candidates will complete the Verification of Knowledge form (obtained from their education advisoer and returned to their advisor). Candidates must show writing competency by passing one of the following: ACT with writing, GRE, or CORE writing exams. Candidates must achieve a B- or better on all EDUC courses. Candidates must achieve a GPA of 3.0 or higher on all core education courses connected to licensure. Candidates must achieve a 3.0 of higher on at least 9 credit hours. Candidates must maintain positive disposition ratings. Candidates must pass the Praxis II content knowledge exam for their endorsement. Candidates must complete the Application for Internship, have current CPR/First aid certification, purchage professional liability insurance, and have an approved background check on file that is no more than one year old at the time of placement in internship.

Stage 2:

Candidates must maintain a GPA of 3.0 or higher and pass all education courses related to licensure with a B- or higher. Candidates must maintain positive disposition ratings. Candidates will complete an ethics exam. Candidates must achieve "unconditional" admission status.

Stage 3:

Candidates must maintain a GPA of 3.0 or higher and pass all education courses related to licensure with a B- or better. Candidates must maintain positive disposition ratings. Candidates will complete remaining Praxis II exams for their endorsement as well as the required edTPA exam.

Permission to Begin Internship

The education faculty will determine permission to begin internship after the completion of at least nine hours. The student may not be permitted to register for subsequent course work until permission to begin internship is approved. Permission to begin internship also provides approval for internship placement. The requirements that must be met before approval of permission to begin internship are as follows:

1. Achievement of unconditional admission by the Admissions Committee to begin Internship II.
2. Completion of at least 12 semester hours of graduate credit at Milligan University including at least 3 credit hours of methods courses with a minimum grade point average of 3.0.
3. Passing the Praixs II content knowledge exam.
4. Positive review by the education faculty based on:
   a. positive disposition rating from professors, mentors, and supervisors;
   b. demonstrated competence in lesson plan development.
5. Submission of a TBI background investigation with no areas of concern.
6. Verification of CPR and/or first aid competency that is current.
7. Completion of undergraduate requirements for teacher licensure (or equivalent) as follows:

   Elementary education: a basic pattern of liberal arts courses to assure licensure (two courses in language or literature; two courses in social studies; two courses in science [physical and biological science with labs]; and two courses in math); ***or***
   Secondary education: (1) basic pattern of liberal arts courses to assure licensure; (2) specific courses in endorsement areas to assure content competency consisting of at least 24 hours that are the equivalent of a major in that area (See catalog for a list of available licensure programs).
   Grades in content courses: All content courses must be completed with a overall GPA of 3.0 or higher.

Admission to Internship II

After the first semester of internship, the student may be approved for Internship II. All requirements for permission to begin internship must be completed. In addition,

1. All content courses must be completed;
2. The first internship placement must be satisfactorily completed;
3. The student must have a GPA of a minimum of 3.0;
4. The student must have positive disposition scores
5. The student must have an average score of 3.0 or higher on all key assessments.

Retention Standards and Probationary Status

When a student's cumulative grade point average on courses applied toward the graduate degree falls below 3.0, the student may be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.75, the education faculty will review the student's record for possible dismissal from the M.Ed. program. Candidates earning C or below in three or more hours of credit will be considered by the education faculty for dismissal. No more than one grade below B- will be counted toward graduation. No grade below C will be counted toward graduation. Candidates with more than 3 hours of a grade of incomplete will not be allowed to register for additional classes until the incompletes have been resolved. Probationary status or dismissal may also result from behaviors and/or dispositions considered as unprofessional, including but not limited to absenteeism, tardiness, interpersonal conflict, unacceptable dispositions, or disrespectful behavior directed toward peers, colleagues, school personnel, or children. Behavior also must be consistent with the

Milligan University Mission Statement and Goals. No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Appeals and Reinstatement

A student who is dismissed may be reinstated upon recommendation of the teacher education faculty. Reinstatement is not automatic. The student must consult with the area chair, who will submit a recommendation to the teacher education faculty for a decision. Appeals may be made on dismissal, denial of reinstatement, or any issue related to master of education program requirements. The student must submit a written petition to the area chair requesting reconsideration of the decision. The student will be notified when the petition will be brought before the teacher education faculty and will have an opportunity to appear in person. The student will be promptly notified in writing of the faculty's decision.

Licensure Examinations (Praxis and edTPA)

Candidates are required to pass all required Praxis and edTPA exams required for licensure by the end of Internship II. Due to limited annual test dates, candidates are urged to complete required testing as early as possible in their programs of study. Milligan Univeristy cannot recommend licensure for any candidate who has failed to attain Tennessee approved scores on all required licensure tests. Candidates will not be considered program completers until minimum scores have been attained on all required licensure tests. A passing grade will not be awarded in EDUC 560 Advanced Capstone Seminar until all minimum scores are met. Failure to pass the Capstone Seminar will also delay graduation until acceptable test scores are achieved.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be considered by the Graduate Admissions Committee for transfer from other approved institutions to the Milligan University M.Ed. degree program. Any transfer hours must be approved by the area chair prior to beginning the program.

Enrollment of Undergraduates in Graduate Courses or Graduate Candidates in Undergraduate Courses

Graduate candidates or undergraduate candidates at the junior and senior level may choose to take courses at the graduate or undergraduate level in areas which are comparable and are supported by the candidates' academic advisor. Up to nine hours of graduate work beyond the minimum 128 hours of undergraduate requirements may be taken for graduate credit and applied toward the Master of Education degree program.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within an eight-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisor and the Director of Teacher Certification.

Grade Requirements for Graduation

Candidates must achieve a 3.0 overall grade point average on required course work to be eligible for graduation. The minimum grade for all graduate program course work is C. No more than three hours below B- can be counted toward graduation requirements.

Research Project

Candidates complete a research project that begins in Education 511 Research Methods in Education. The project features action research related to the school setting of the internship assignment. Research topics are developed collaboratively with Milligan faculty and partner school personnel. Designated checkpoints are established for candidates to report on their research projects. Results of the research are presented in a seminar near the end of the student's graduate program.

Internship

Graduate candidates in initial licensure programs must complete EDUC 551 Internship I and EDUC 552 Internship II. This two-semester clinical experience in teaching, assessment, and classroom management provides sustained supervised experience in classrooms of community partner schools, working directly with master teachers as mentors. Intern experience placements will be made with partner school systems located near Milligan University in order to maintain proper supervision levels and the integrity of the Teacher Education Program. Placement in at least two grade levels is required for each licensure area. A student may not be placed in a school in which he/she has family members, has worked, or attended as a P-12 student. Candidates are not eligible for placement in the internship until three hours of methodology courses are completed, the appropriate content Praxis II test has been passed, and a TBI background investigation with no areas of concern has been submitted. Candidates are not eligible for the second internship placement until all academic content requirements and all requirements for unconditional admission have been met. Candidates on probation may not begin the internship. A student who is placed on probation during or after the first semester of internship may not take the second semester of internship until he/she has been removed from probation. Employment and other substantial extracurricular activities during the internship are strongly discouraged. Working without written permission from the area chair is grounds for dismissal from the internship. The internship experience is evaluated by Milligan University and school system personnel using the Tennessee TEAM model. This year of "apprenticeship" is counted as the first year of teaching experience toward professional licensure status in Tennessee. Each student must also complete a co-requisite advanced capstone seminar (EDUC 560) during each semester of the internship. A critical component of the capstone seminars is the verification of program outcomes through successful completion of key assessments and all required licensure examinations.

Accreditation

The education program at Milligan is accredited by the Council for the Accreditation of Educator Preparation. This accreditation program covers initial teacher and advanced educator preparation programs.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized education-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Accelerated BS+M.Ed. Plan (4+1 Program)

Highly motivated candidates can complete the M.Ed. degree in one academic year (plus May term) after receiving a bachelor's degree, to earn both degrees in five years. Candidates must major in a teacher education field at Milligan or major leading to licensure and, with faculty approvals, complete the required coursework for the Accelerated Plan. Completing the Accelerated Plan is not a guarantee of admission to the Milligan M.Ed. program. Candidates should talk to both their advisor and the admissions representative for the M.Ed. program.

Curricula

In addition to the core courses listed below, the six curricula that lead to the M.Ed. degree and initial licensure include the elementary program, the secondary program, and the K-12 specialty programs in theatre, Spanish, and visual arts. Please note licensure in Music may be added at the graduate level only for students who have completed their undergraduate Music Methods courses ar Milligan. These programs require 41 to 63 hours of graduate credit. Each curriculum described below may be completed in four semesters which may include summer semesters.

Core courses for all curricula (26 hrs)

(Required for each initial licensure program)

EDUC 511 Research Methods in Education (3 hrs)
EDUC 512 Research Seminar (3 hrs)
EDUC 546 Seminar in Teaching, Assessment, and Reflection (1 hr)
EDUC 551 Internship I (5 hrs)
EDUC 552 Internship II (6 hrs)
EDUC 560a Advanced Capstone Seminar (1 hr)
EDUC 560b Advanced Capstone Seminar (1 hr)
EDUC 562 Seminar in Secondary Foundations ***or*** EDUC 571 Early Childhood and Elementary Foundations (3 hrs)
EDUC 573 Advanced Child Development and Learning (3 hrs)

Elementary Education courses (22 hrs)

EDUC 519 Assessment for Early Childhood/Elementary Educators (3 hrs)
EDUC 540 Health and Physical Education Methods (2 hrs)
EDUC 541 Engaging Learners in Content Instruction (2 hrs
EDUC 544 Advanced Children's Literature (3 hrs)
EDUC 555 Integrated Literacy I (3 hrs)
EDUC 576A Elementary Curriculum and Methods (3 hrs)
EDUC 577 Integrated Literacy II (3 hrs)
EDUC 530 Education of Exceptional Children (3 hrs)

Secondary Education courses (21 hrs)

EDUC 520 Secondary Curriculum and Methods (3 hrs)
EDUC 521 Secondary Curriculum and Methods II (Content Areas) (3 hrs)
EDUC 523 Models of Teaching (3 hrs)
EDUC 527 Disciplinary Literacy (3 hrs)
EDUC 530 Education of Exceptional Students (3 hrs)
EDUC 621 Assessment and Evaluation (3 hrs)
EDUC electives (3 hrs)

K-12 Music, Theatre, Visual Arts, French, and Spanish courses (21 hrs*)

EDUC 520 Secondary Curriculum and Methods (3 hrs)
EDUC 521 Secondary Curriculum and Methods II (3 hrs)
EDUC 523 Models of Teaching (3 hrs)
EDUC 527 Disciplinary Literacy (3 hrs)
EDUC 530 Education of Exceptional Students (3 hrs)
EDUC 621 or 519 Assessment (3 hrs)
EDUC electives* (2-3 hrs)
*An elementary level (K-5) methodology course in the major is required for licensure.

Dual Licensure English as a Second Language (21 hrs)

Dual Licensure in K-5/ESL, Secondary/ESL, and K-12 areas/ESL may be obtained by completing requirements for these licensure areas listed above as well as the following ESL core requirements:

6 hours of coursework in a foreign language

EDUC 520 Secondary Curriculum and Methods (3 hrs) for elementary candidates pursuing the ESL endorsement

OR

EDUC 576A Elementary Curriculum and Methods (3 hrs) for secondary candidates pursuing the ESL endorsement

EDUC 538 Teaching English Language Learners (3 hrs)
EDUC 641 Parent and Family Involvement (3 hrs)
EDUC 553ELL Practicum in Teaching English Language Learners (3 hrs)
EDUC 631 Cultural Diversity and Education (3 hrs)

Graduate Initial Licensure Programs

Academic Major	Licensure Areas	Grade Level
Art	Visual Arts Visual Arts/English As A Second Language	K-12 K-12/P-12
Biology	Secondary Education (Biology) Secondary Education (Biology)/English As A Second Language	6-12 6-12/P-12
Business	Secondary Education (Business/Business Technology) Secondary Education (Business/Business Technology)/English As A Second Language	6-12 6-12/P-12
Chemistry	Secondary Education (Chemistry) Secondary Education (Chemistry)/ English As A Second Language	6-12 6-12/P-12
Child and Youth Development	Elementary Education Elementary Education/English As A Second Language	K-5 K-5/P-12
English	Secondary Education (English) Secondary Education (English)/ English As A Second Language	6-12 6-12/P-12
History	Secondary Education (History) Secondary Education (History)/English As A Second Language Secondary Education (History-Economics) Secondary Education (History-Government)	6-12 6-12/P-12 6-12 6-12
Spanish, French	World Languages (Spanish, French) World Languages (Spanish, French)/English As A Second Language	P-12 P-12/P-12
Mathematics	Secondary Education (Mathematics) Secondary Education (Mathematics)/English As A Second Language	6-12 6-12/P-12
Music (only if undergraduate music methods courses have been taken at Milligan)	Music – Vocal/General Music-Instrumental/General	K-12 K-12
Political Science	Secondary (Government) Secondary (Government)/English As A Second Language	6-12 6-12/P-12
Psychology	Secondary Education (Psychology)	9-12
Theatre Arts	Theatre Theatre/English As A Second Language	K-12 K-12/P-12

Curriculum and Teaching (Non-Licensure Option)

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Education (M.Ed.) Curriculum and Teaching Non-Licensure program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The M.Ed. Curriculum and Teaching program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who demonstrate the following:

1. evidence of commitment to learning;
2. knowledge of the subjects they teach and how to teach those subjects to students;
3. responsibility for managing and monitoring student learning
4. evidence of systematically thinking about their practice and learning from experience;
5. membership in learning communities.

**Based on the National Board for Professional Teacher Standards (NBPTS).

The program integrates theory, action research, and reflective practice. Program outcomes are based upon National Board for Professional Teacher Standards (NBPTS) and are documented in professional portfolios.

The M.Ed. Curriculum and Teaching program is designed for individuals interested in earning the M.Ed. degree without licensure. This program is open to candidates who are already licensed teachers as well as those who are interested in the field of education but who do not plan to seek licensure. This program increases both the quality and quantity of the educational experiences for individuals in professional education and other settings. Candidates may finish the 36-hour advanced degree program in less than two years, including fall, spring, and summer courses. Courses are taken primarily online.

The 36 credit hour master of education program consists of a 24 credit hour core and 12 elective credits.

Unconditional Admission – Curriculum and Teaching Non-Licensure Option

The minimum requirements for unconditional admission to the M.Ed. Curriculum and Teaching non-licensure program are as follows:

1. 2 official transcripts from all institutions
2. 3.0 overall GPA
3. Complete all course work with a grade of C or better
4. Favorable interview with two M.Ed. Committee Members
5. International students should see the additional requirements listed on page 213.
6. Must submit all transcripts, two interview recommendations, application fee, and immunization record.

Conditional Admission

Occasionally, the M.Ed. Admissions Committee may grant conditional admission. Candidates must submit all transcripts, two interview recommendations, application fee, and immunization record. Additionally, candidates must meet unconditional status by the end of the first semester of classes; no more than 12 hours may be taken under conditional status.

Program Characteristics and Curriculum

Application, admission, and retention policies and procedures for the advanced degree program are parallel to those noted above for the initial licensure M.Ed. program. Comprehensive examination procedures are also parallel. The advanced degree curriculum consists of core courses, research, and electives as follows:

Core courses (18 hrs)

EDUC 621 Assessment and Evaluation (3 hrs) or EDUC 519 Assessment for Early Childhood/Elementary Educators (3 hrs)
EDUC 622 Classroom Management (3 hrs)
EDUC 623 Research-Based Teaching Strategies (3 hrs)
EDUC 631 Family and Community Culture (3 hrs)
EDUC 662 School Organization and Law (3 hrs)
EDUC 670 Professional Teacher Standards (3 hrs)

Research (6 hrs)

EDUC 511 Research Methods in Education (3 hrs)
EDUC 512 Research Seminar (3 hrs)

Electives (12 hrs)

Twelve hours of elective course work are required for degree completion. Electives may be selected from graduate courses offered in the initial licensure program.

Retention Standards and Probationary Status

When a student's cumulative grade point average on courses applied toward the graduate degree falls below 3.0, the student may be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.75, the education faculty will review the student's record for possible dismissal from the M.Ed. program. Candidates earning C or below in three or more hours of credit will be considered by the education faculty for possible probation or dismissal. No more than one grade below B- will be counted toward graduation. No grade below C will be counted toward graduation. Candidates with more than 3 hours of a grade of incomplete will not be allowed to register for additional classes until the incompletes have been resolved. Probationary status may also result from behaviors and/or dispositions considered as unprofessional, including but not limited to absenteeism, tardiness, interpersonal conflict, unacceptable dispositions, or disrespectful behavior directed toward peers, colleagues, school personnel, or children. Behavior also must be consistent with the Milligan University Mission Statement and Goals. No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Appeals and Reinstatement

A student who is dismissed may be reinstated upon recommendation of the teacher education faculty. Reinstatement is not automatic. The student must consult with the area chair, who will submit a recommendation to the teacher education faculty for a decision. Appeals may be made on dismissal, denial of reinstatement, or any issue related to Master of Education program requirements. The student must submit a written petition to the area chair requesting reconsideration of the decision. The student will be notified when the petition will be brought before the teacher education faculty and will have an opportunity to appear in person. The student will be promptly notified in writing of the faculty's decision.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be considered by the Graduate Admissions Committee for transfer from other approved institutions to the Milligan University M.Ed. degree program. Any transfer hours must be approved by the area chair prior to beginning the program.

Enrollment of Undergraduates in Graduate Courses or Graduate Candidates in Undergraduate Courses

Graduate candidates or undergraduate candidates at the junior and senior level may choose to take courses at the graduate or undergraduate level in areas which are comparable and are supported by the candidates' academic advisor. Up to nine hours of graduate work beyond the minimum 128 hours of undergraduate requirements may be taken for graduate credit and applied toward the Master of Education degree program.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within an eight-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisor and the Area Chair of Education.

Grade Requirements for Graduation

Candidates must achieve a 3.0 overall grade point average on required course work to be eligible for graduation. The minimum grade for all graduate program course work is C. No more than three hours below B- can be counted toward graduation requirements.

Research Project

Candidates complete a research project that begins in Education 511 Research Methods in Education. The project features action research related to the school setting of the internship assignment. Research topics are developed collaboratively with Milligan faculty and partner school personnel. Designated checkpoints are established for candidates to report on their research projects. Results of the research are presented in a seminar near the end of the student's graduate program.

Accreditation

The education program at Milligan is accredited by the Council for the Accrediation of Educator Preparation (CAEP). This accreditation program covers initial teacher and advanced educator licensure programs.

Library

The Milligan University Library is a vital gathering place for study and learning. In addition to its collection of print and media resources that support all the University's academic programs, the Library's website library.milligan.edu serves as a portal to a wide array of high quality electronic information resources, accessible on- or off-campus 24 hours a day/7 days a week. These resources include many education-related databases such as Education Source and ERIC (the USDE's Education Resources Information Center). The Library catalog is also integrated with WorldCat, which combined with the Library's interlibrary loan service connects users to the holdings of thousands of libraries worldwide. Qualified librarians are available to assist you with your resource and research needs through in-person consults, telephone, or online reference services.

Education Specialist (Ed.S.)

School of Social Sciences and Education
Area of Education

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Education Specialist (Ed.S) program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The Ed.S. program supports Milligan University's institutional outcomes in scholarship, community, and faith by preparing graduates who:

1. engage in ethical and effective instructional leadership which facilitates professional practice that continually improves student learning;
2. engage in ethical and effective instructional leadership through collaboration with stakeholders to create and sustain an inclusive, respectful and safe environment conducive to learning and growth for all;
3. engage in ethical and effective instructional leadership by developing the capacity of all educators by designing, facilitating, and participating in collaborative learning informed by multiple sources of data;
4. engage in ethical and effective instructional leadership by facilitating the development of a highly effective learning community through processes that enlist diverse stakeholders and resources;
5. demonstrates knowledge of research-based practices related to the field.

The Education Specialist (Ed.S.) program leads to certification as a school administrator as part of a 39-hour program. In addition to successful completion of coursework, candidates must pass Tennessee licensure exams in order to obtain the leadership endorsement. The Education Specialist (Ed.S.) program in Educational Leadership leverages the strengths of Milligan's education faculty, curriculum, and school partnerships to prepare school and district-level leaders. The program leads licensed educators toward certification. The Ed.S. program is full-time practice-based program built on a cohort learning model of approximately 10-20 candidates who progress through the program together.

Immunization

All candidates must submit a completed and approved immunization form prior to attending classes. These forms are provided in the pre-enrollment packets and are required by the State of Tennessee.

Admission

Admission to the Educational Leadership program is competitive. Admission decisions are made on a number of criteria including academic qualifications; leadership potential, experience, and accomplishments; and the applicant's fit with the program goals and objectives and the expertise of the program faculty. Those who meet stated minimum requirements are not guaranteed admission. Applicants must meet the following requirements:

1. Hold a master's degree in a relevant area from an accredited university by the month in which they begin doctoral work.
2. Demonstrate scholastic ability by having achieved a minimum grade point average of 3.0 on a 4.0 scale in their master's program.
3. Recognized as a leader among fellow teachers as having leadership potential.

4. Submission of a portfolio. Each portfolio must contain content aligned with the Tennessee Instructional Leadership Standards (TILS) to show evidence of the candidate's contributions in the following four areas: (a) Instructional Leadership for Continuous Improvement; (b) Culture for Teaching & Learning; (c) Professional Learning & Growth; and (d) Resource Management. The portfolio includes a requirement for the student's two most recent school evaluations.
5. Applicants must submit a letter of recommendation from an Local Education Agency (LEA).
6. Favorable interviews with two Instructional Leader Admissions Committee members. The Instructional Leader Admissions Committee consists of education faculty and LEA representatives. The academic dean makes all appointments to the M.Ed. Graduate Admissions Committee.
7. Clear TBI background check.
8. International candidates should refer to the *International Students* section of the catalog for additional information.

Levels of Progression

Candidates for advanced preparation demonstrate their proficiencies to understand and apply knowledge and skills appropriate to their professional field of specialization so that learning and development opportunities for all P-12 are enhanced, through: (a) Applications of data literacy; (b) Use of research and understanding of qualitative, quantitative and/or mixed methods research methodologies; (c) Employment of data analysis and evidence to develop supportive school environments; (d) Leading and/or participating in collaborative activities with others such as peers, colleagues, teachers, administrators, community organizations, and parents; (e) Supporting appropriate applications of technology for their field of specialization; and (f) Application of professional dispositions, laws and policies, codes of ethics and professional standards appropriate to their field of specialization. Candidate progress of proficiencies, performances, and professional dispositions will be evaluated by program area faculty throughout their Ed.S. program of study. Candidates must pass through progression points in succession in order to continue to progress in their Ed.S. studies.

Retention Standards and Probationary Status

When a student's cumulative grade point average on courses applied toward the graduate degree falls below 3.0, the student may be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.75, the Director of the Instructional Leader Program will review the student's record for possible dismissal from the program. Candidates earning C or below in three or more hours of credit will be considered by the Director of the Instructional Leader Program for possible probation or dismissal. No more than one grade below B- will be counted toward graduation. No grade below C will be counted toward graduation. Candidates with more than 3 hours of a grade of incomplete will not be allowed to register for additional classes until the incompletes have been resolved. Probationary status may also result from behaviors and/or dispositions considered as unprofessional, including but not limited to absenteeism, tardiness, interpersonal conflict, unacceptable dispositions, or disrespectful behavior directed toward peers, colleagues, school personnel, or children. Behavior also must be consistent with the Milligan University Mission Statement and Goals. No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Appeals and Reinstatement

A student who is dismissed may be reinstated upon recommendation of the education faculty. Reinstatement is not automatic. The student must consult with the Director of the Instructional Leader Program, who will submit a recommendation to the area chair for a decision by the education faculty. Appeals may be made on dismissal, denial of reinstatement, or any issue related to master of education program requirements. The student must submit a written petition to the Area Chair of Education requesting reconsideration of the decision. The student will be notified when the petition will be brought before the education faculty and will have an opportunity to appear in person. The student will be promptly notified in writing of the faculty's decision.

Transfer Credit

A maximum of nine semester hours of graduate credit in acceptable areas of study may be considered by the academic advisor for transfer from other approved institutions to the Milligan University Ed.S. degree program. Any transfer hours must be approved by the area chair prior to beginning the program.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day/7 days a week. These resources include many specialized education-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Accreditation

The education program at Milligan is accredited by the Council for the Accreditation of Educator Preparation (CAEP). This accreditation program covers initial teacher and advanced educator licensure programs.

Curricula (39 semester hours)

EDUC 712 Using Qualitative Methods to Evaluate Program Development (3 hrs)
EDUC 716 Literacy for Instructional Leaders (3 hrs)
EDUC 721 Ethical and Instructional Evaluation Practices (3 hrs)
EDUC 726 Mentoring and Professional Development (3 hrs)
EDUC 730 Management and Leadership (3 hrs)
EDUC 732 Leading Organizational Change (3 hrs)
EDUC 735 Managing Human Resources (3 hrs)
EDUC 737 School Finance (3 hrs)
EDUC 741 Advanced Parent and Education Involvement (3 hrs)
EDUC 750 Data Analysis and School Improvement (3 hrs)
EDUC 762 School Organization and Law (3 hrs)
EDUC 765 Technology Leadership (3 hrs)
EDUC 770A Professional Seminar (1 hr)
EDUC 770B Professional Seminar (1 hr)
EDUC 770C Professional Seminar (1 hr)

Doctor of Education (Ed.D.)

School of Social Sciences and Education
Area of Education

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Doctor of Education (Ed.D) program specifically endeavors to prepare caring and reflecting professional program specifically endeavors to prepare caring and reflecting professionals who integrate their Christian faith, social responsibility, and sound scholarship in order to contribute to a responsible and caring community.

The Ed.D. program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who:

1. engage in ethical and effective instructional leadership which facilitates professional practice that continually improves student learning;
2. engage in ethical and effective instructional leadership through collaboration with stakeholders to create and sustain an inclusive, respectful and safe environment conducive to learning and growth for all;
3. engage in ethical and effective instructional leadership by developing the capacity of all educators by designing, facilitating, and participating in collaborative learning informed by multiple sources of data;
4. engage in ethical and effective instructional leadership by facilitating the development of a highly effective learning community through processes that enlist diverse stakeholders and resources;
5. engage in ethical and effective research related to instructional leadership through knowledge of quantitative and qualitative research methods, appropriate use of statistical procedures, design and implementation of an appropriate research study, and communication of research findings in writing.

The Doctor of Education (Ed.D.) program leads to certification as a school administrator as part of a 57- hour, two-year program. In addition to successful completion of coursework, candidates must pass Tennessee licensure exams in order to obtain the leadership endorsement. The Doctor of Education in Educational Leadership leverages the strengths of Milligan's education and business faculty, curriculum, and school partnerships to prepare school and district-level leaders. The program leads currently practicing teachers toward certification. The Ed.D. program is full-time practice-based program built on a cohort learning model of approximately 10-20 candidates who progress through the program together.

Immunization

All candidates must submit a completed and approved immunization form prior to attending classes. These forms are provided in the pre-enrollment packets and are required by the State of Tennessee.

Admission

Admission to the Educational Leadership program is competitive. Admission decisions are made on a number of criteria including academic qualifications; leadership potential, experience, and accomplishments; and the applicant's fit with the program goals and objectives and the expertise of the program faculty. Those who meet stated minimum requirements are not guaranteed admission. Applicants must meet the following requirements:

1. Hold a master's degree in a relevant area from an accredited university by the month in which they begin doctoral work.
2. Demonstrate scholastic ability by having achieved a minimum grade point average of 3.0 on a 4.0 scale in their master's program.
3. Recognized as a leader among fellow teachers as having leadership potential.
9. Submission of a portfolio. Each portfolio must contain content aligned with the Tennessee Instructional Leadership Standards (TILS) to show evidence of the candidate's contributions in the following four areas: (a) Instructional Leadership for Continuous Improvement; (b) Culture for Teaching & Learning; (c) Professional Learning & Growth; and (d) Resource Management. The portfolio includes a requirement for the student's two most recent school evaluations.
4. Applicants must submit one letter of recommendation from a Local Education Agency (LEA).
5. Favorable interviews with two Instructional Leader Admissions Committee members. The Instructional Leader Admissions Committee consists of education faculty and LEA representatives. The academic dean makes all appointments to the Ed. D. Graduate Admissions Committee.
6. Approved TBI background check.
7. International candidates should refer to the *International Students* section of the catalog for additional information.

Levels of Progression

Candidates for advanced preparation demonstrate their proficiencies to understand and apply knowledge and skills appropriate to their professional field of specialization so that learning and development opportunities for all P-12 are enhanced, through: (a) Applications of data literacy; (b) Use of research and understanding of qualitative, quantitative and/or mixed methods research methodologies; (c) Employment of data analysis and evidence to develop supportive school environments; (d) Leading and/or participating in collaborative activities with others such as peers, colleagues, teachers, administrators, community organizations, and parents; (e) Supporting appropriate applications of technology for their field of specialization; and (f) Application of professional dispositions, laws and policies, codes of ethics and professional standards appropriate to their field of specialization. Candidate progress of proficiencies, performances, and professional dispositions will be evaluated by program area faculty throughout their Ed.D. program of study. Candidates must pass through progression points in succession in order to continue to progress in their Ed.D. studies.

Retention Standards and Probationary Status

When a student's cumulative grade point average on courses applied toward the graduate degree falls below 3.0, the student may be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.75, the Ed.D. Director will review the student's record for possible dismissal from the program. Candidates earning C or below in three or more hours of credit will be considered by the Ed.D. Director for possible probation or dismissal. No more than one grade below B- will be counted toward graduation. No grade below C will be counted toward graduation. Candidates with more than 3 hours of a grade of incomplete will not be allowed to register for additional classes until the incompletes have been resolved. Probationary status may also result from behaviors and/or dispositions considered as unprofessional, including but not limited to absenteeism, tardiness, interpersonal conflict, unacceptable dispositions, or disrespectful behavior directed toward peers, colleagues, school personnel, or children. Behavior also must be consistent with the Milligan Univeristy's Mission Statement and Goals. No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Appeals and Reinstatement

A student who is dismissed may be reinstated upon recommendation of the education faculty. Reinstatement is not automatic. The student must consult with the Director, of the Instructional Leader Program who will submit a recommendation to the area chair for a decision by the education faculty. Appeals may be made on dismissal, denial of reinstatement, or any

issue related to Ed. D. program requirements. The student must submit a written petition to the Area Chair of Education requesting reconsideration of the decision. The student will be notified when the petition will be brought before the education faculty and will have an opportunity to appear in person. The student will be promptly notified in writing of the faculty's decision.

Transfer Credit

A maximum of nine semester hours of graduate credit in acceptable areas of study may be considered by the Graduate Admissions Committee for transfer from other approved institutions to the Milligan University Ed.D.

Dissertation Project

Candidates complete a dissertation project. The project features research related to education. A chair and dissertation committee will be assigned through collaboration with the Education Research Director and the area chair. Designated checkpoints are established for candidates to report on their research projects. Once the enrollment in dissertation hours begins (EDUC 780) the student must be continuously enrolled in EDUC 780. If a student completes twelve-credit hours in EDUC 780 but does not complete the dissertation, continuous enrollment in EDUC 781 must be maintained.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized education-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Accreditation

The education program at Milligan is accredited by the Council for the Accreditation for Educator Preparation (CAEP).

Curricula (57 hours, including 45 course hours and 12 dissertation hours)

EDUC 710 Educational Statistics (3 hrs)
EDUC 711 Quantitative Research (3 hrs)
EDUC 712 Using Qualitative Methods to Evaluate Program Development (3 hrs)
EDUC 716 Literacy for Instructional Leaders (3 hrs)
EDUC 721 Ethical and Instructional Evaluation Practices (3 hrs)
EDUC 726 Mentoring and Professional Development (3 hrs)
EDUC 730 Management and Leadership (3 hrs)
EDUC 732 Leading Organizational Change (3 hrs)
EDUC 735 Managing Human Resources (3 hrs)
EDUC 737 School Finance (3 hrs)
EDUC 741 Community and Parent Involvement (3 hrs)
EDUC 750 Data Analysis and School Improvement (3 hrs)
EDUC 762 School Organization and Law (3 hrs)
EDUC 765 Technology Leadership (3 hrs)
EDUC 770A Professional Seminar (1 hr)
EDUC 770B Professional Seminar (1 hr)
EDUC 770C Professional Seminar (1hr)
EDUC 780 Dissertation (12 hrs)
*EDUC 781 Special Topics in Education (3 hrs)

* Taken only if the dissertation is not completed within 12 hours of enrollment in EDUC 780

Master of Science in Counseling (M.S.C.)

School of Social Sciences and Education
Area of Social Learning

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Science in Counseling program specifically endeavors to prepare graduates to demonstrate excellence as servant leaders in the field of professional counseling.

The Master of Science in Counseling program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. integrate all aspects of professional functioning and practice including history, roles, organizational structure, ethics, legal considerations, standards and credentialing.
2. demonstrate knowledge of multicultural and pluralistic characters within and among diverse groups, theories of multicultural counseling and cultural identity development as well as apply the cultural and social justice counseling competencies to case conceptuatlization, and counseling advocacy planning.
3. identify individual and family development across the lifespan through application of theory applied to learning, abnormal development, personality development, addictions, biological, neurological, and psychological factors, the effects of trauma and crisis as well as development of a general framework for understanding different abilities and strategies for differentiated interventions.
4. describe and apply strategies for assessing interest, abilities, values, and personality related to career development and demonstrate knowledge of the theories and models for conceptualizing the relationship between work, mental well-being, relationships and other life roles and factors.
5. demonstrate the skills necessary to apply the theories and models of counseling in counseling, case conceptualization and treatment and develop an ethical and culturally relevant personal model for counseling.
6. apply group development dynamics, group counseling theories, group counseling methods and skills, and other group approaches
7. apply individual and group approaches to assessment and evaluation including data collection, analysis, testing, and interpreting data about human functioning.
8. develop a research question, complete a systematic review of the literature, critique the research, analysis and use of data in counseling to inform counseling practice in a multicultural and pluralistic society.
9. demonstrate knowledge of principles, models, and documentation formats, and skills necessary to implement biopsychosocial case conceptualization and planning.

Because Milligan is a Christian university, part of the required coursework includes an ongoing discussion and examination of the theoretical and practical aspects of the integration of faith and learning. Students in the counseling program should demonstrate a sense of ministry through their knowledge of counseling and their willingness to use their knowledge in service and ministry to others.

The Clinical Mental Health Counseling concentration is a two-year, 60 credit hour curriculum that consists of 45 credit hours of required coursework in professional counseling orientation and ethical practice, social and cultural diversity, human growth and development, career development, counseling and helping relationships, group counseling and group work, assessment and testing, and research and program evaluation; 9 credit hours of clinical experience (practicum and internships); and 6 elective hours from selected topics such as substance abuse counseling, child and adolescent counseling, child sexual abuse, creative and expressive art, grief and loss, and physiological psychology and psychopharmacology (among others).

The School Counseling concentrations are either a five semester, 51 credit hour curriculum (for those students who are already licensed teachers) or a five semester, 57 credit hour curriculum (for those students who are not licensed teachers). The curricula consist of 33 credit hours in core courses in human behavior and development, effective counseling strategies, ethical practice, and other core knowledge areas; nine credit hours of clinical experience (practicum and internship); and 9 hours in courses involving counseling of children and adolescents and other issues specific to educational settings. Those students who are not licensed teachers complete 6 additional hours in curriculum methods and education of exceptional students.

The Addiction Counseling concentration is a two-year (six semesters), 60 credit hour curriculum that prepares graduates to pursue licensure as a Licensed Professional Counselor (LPC) with a subspecialty in addiction counseling. Courses are offered on the Milligan campus, with some hybrid (online and on-campus). Courses include those needed for a broad understanding of mental health counseling (42 credit hours in human behavior and development, evidence-based practice, effective counseling strategies, ethical practice, and other core knowledge areas), as well as three courses (9 hours) necessary to equip students with the knowledge and skills necessary to address a wide range of issues in the context of addiction counseling, and nine hours of clinical practicum and internship experience. Because Milligan is a Christian university, part of the required coursework includes an ongoing discussion and examination of the theoretical and practical aspects of the integration of faith and learning.

Accreditation

CACREP: The Council for the Accreditation of Counseling and Related Educational Programs (CACREP), a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), has granted accreditation to the clinical mental health concentration in the Master of Science in Counseling program.

CAEP. The School Counseling program at Milligan is accredited by the Council for the Accreditation of Educator Preparation.This accreditation program covers initial teacher and advanced educator preparation programs.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized counseling-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Admission Requirements

The minimum requirements for admission to the MSC program are as follows:

1. A baccalaureate degree from a regionally-accredited college with overall undergraduate grade point average of 3.0. Official transcripts from every college attended whether or not the applicant graduated from that school
2. The Graduate Record Examination (GRE) is not required if an applicant's overall undergraduate grade point average is 3.00 or higher. If required, official GRE scores must be submitted to Milligan University. Applicants for whom the GRE is required must score at the 50th percentile or higher.
3. International students should see the additional requirements listed on page 213.
4. Two professional or educational references
5. An undergraduate degree that includes the following prerequisite courses:

a. At least 9 hours of psychology courses, including General Psychology, Developmental Psychology, and Research Methods or Statistics
b. Computer Competency (3 hrs) (can be fulfilled through documented computer competency)
6. Completed application with personal statement
7. On-campus interview scheduled for qualified applicants.

Prospective students meeting the minimum admission criteria may be invited to campus for an interview. Final selection of students will be made by the MSC admissions committee.

Matriculation Requirement
Prior to the first meeting of any class, students must have completed and filed in the Admissions Office the results of a background check by the Tennessee Bureau of Investigation; the results of this check may disqualify a student from full participation in the Counseling program.

Transfer Credit
A maximum of 9 hours of graduate credit in counseling may be considered by the MSC Admissions Committee for transfer from other approved institutions. Grades in the courses being transferred must be a B (3.0) or above. The courses must have been taken in the past five years.

Enrollment of Undergraduate Students in Graduate Courses
Senior level Milligan University students who plan to apply for admission to the M.S.C. program may enroll in one 3-hour graduate course each semester. Up to six hours of undergraduate work a) beyond the minimum 128 hours of undergraduate requirements and b) in addition to the required hours in students' respective majors (and/or concentrations) may be taken for graduate credit and applied toward the Master of Science in Counseling degree program. Undergraduate students are urged to work closely with their academic advisors and with the Director of the Counseling Program in planning their class schedules.

Early Acceptance Program (EAP)
The Early Acceptance Program (EAP) provides **Milligan University undergraduate students** with a unique financial and academic opportunity to apply and commit early to the MSC in order to receive lower tuition rates and secure their spot early in the program.

Benefits

- Locks in tuition rate
- Secure your spot in the program
- Lighten your course load during the MSC program by taking 1-2 MSC courses as an undergraduate

Requirements & Process

1. Be a Milligan undergraduate student (any major eligible; prerequisites are required)
2. Request approval from your faculty advisor
3. Meet with the Director of the Counseling Program for approval to declare the Early Acceptance Program by fall of junior or senior year*
4. Complete and Submit (to the GPS Office) the participation form for the EAP, which requires approval signatures from both your undergraduate advisor and the Director of the Counseling Program.
5. Schedule an appointment with MSC Admissions to discuss admission process and requirements
6. Complete the MSC admission process, be admitted, and pay deposit by following deadline in order to lock-in that year's tuition rate:
    - **JUNIORS – by APRIL 15**
    - **SENIORS – by NOV 15**
7. Complete the MSC graduate coursework for the Accelerated Plan
    - JUNIORS can take two MSC courses their senior year (one course each semester) as part of their normal undergraduate course load.
    - SENIORS can take one MSC course the spring of their senior year as part of their normal undergraduate course load.

**Approval to declare the Early Acceptance Program is not a guarantee of your admission to the Milligan MSC program.*

Conditional Admission
Students who have submitted all required application materials but do not meet the minimum GPA or GRE requirements may be required to write a statement of motivation and goals. Upon review of all application materials, such students may be granted conditional admission at the discretion of the MSC Admissions Committee.

Conditional admission may be changed to unconditional admission if the student achieves a grade point average of 3.0 after the successful completion of two full semesters. Alternatively, if a student does not achieve a grade point average of 3.0 after two full semesters, the student may be dismissed from the program.

Temporary Withdrawal and Readmission
Because of the nature of the program, students are encouraged to maintain continuous enrollment after beginning classes. Realizing that extenuating circumstances may occur that require a student to withdraw temporarily from the program, there is a provision for one such withdrawal.

Students who determine that it is necessary to withdraw from the program must notify the Director of the Counseling program. Written rationale for the decision to withdraw must be given by the student. That written request is attached to a withdrawal form that is routed to the appropriate university offices by the Director of the Counseling program. The official date of the withdrawal is determined by the date the written request is received by the Director.

Students who withdraw from the MSC program receive "Ws" for any uncompleted courses in the semester in which they are enrolled at the time of the withdrawal. The grade of "F" is recorded for a student who withdraws after the withdrawal deadline. The withdrawal deadline is determined on a semester basis by the Registrar's Office.

Students receiving financial aid who choose to withdraw from a course or from the program must understand that their decision can have significant consequences related to financial aid. Any refund of tuition or fees in case of withdrawal is governed by the refund policy in the Financial Information section of the catalog. The Registrar makes any exceptions to stated academic withdrawal policy.

In order to be readmitted, students must have approval by the Director of the Counseling program. Students must request readmission within three years of withdrawing. Readmission is granted pending space availability at the appropriate point in the curriculum. Graduation requirements in effect at the time of readmission will apply.

Please see the Milligan University Catalog regarding implications of withdrawal and/or readmission for recipients of financial aid.

Academic Probation and Retention Standards
Retention in the MSC program is based upon academic performance, assessment of professional competencies, and adherence to the University's code of academic integrity.

Academic Expectations

Specific standards related to **academic expectations** include:
Student must maintain a cumulative grade point average of "B" (3.0) to graduate from the MSC program.

- The student must earn a grade of at least "C" (2.0) in all non-core courses within the program.
- The student must earn a grade of at least "B" (3.0) in all core (theory and practice) courses.

Professional Competencies

From the first semester students are enrolled, in addition to reviewing the students' academic performances, MSC faculty begin assessing students' professional dispositions and counseling skills using the Professional Competencies (PC) rating form. Program faculty collectively complete this rating form twice the first semester and minimally once a semester thereafter. After beginning Practicum and continuing through Internship experiences, site supervisors also rate students. Students are eligible for Practicum beginning the second semester they are in the program. The PC represents a progression in counseling skills. Students must meet or exceed expectations in each of the **Professional Competencies** identified. Failure to meet academic expectations and/or professional competencies encounter the following process:

1. Written notification of failure to meet a standard
2. Meeting with the student's advisor and/or the Director of the Counseling Program to establish remediation plan
3. Remediation plan implemented
4. Meeting to re-evaluate academic and/or professional competencies
5. Probation status removed
6. Additional remediation and re-evaluation
7. If no improvement, dismissal from program

No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance, professional competencies, or integrity.

Grade Requirements for Graduation

Students must achieve a cumulative grade point average of "B" (3.0) to graduate from the MSC program.

Faculty Advisor

The nature of a cohort-based program minimizes the need for extensive and ongoing academic advising. However, it is recognized that questions related to such things as withdrawal, readmission, graduation requirements, and other academically related matters may arise. For this reason, students will be assigned a faculty advisor upon their enrollment in the program. Additionally, students may contact the Director of the Counseling program for assistance. The faculty advisor and/or the director will either respond to students' questions directly, or may forward questions to others for response.

Internship Requirements

Students in all three concentrations (Clinical Mental Health, School Counseling, and Addiction Counseling) are required to complete 100 hours of Practicum after successfully achieving a B or better in COUN 510, 520, and 550M, as well as faculty ratings of 3 or better on the Professional Competencies Rating Form. Students should expect to complete 3-4 hours a week at the on-campus Counseling Center with additional hours completed at an off-campus site related to the student's chosen sub-specialty and approved by the Practicum and Internship Experiences (PIE) Coordinator. Those in either the Clinical Mental Health or Addiction Counseling concentrations are required to complete 600 total hours in a clinical or school setting following the completion of COUN 690 (Practicum). Licensing standards require School Counseling Interns to complete their internships in no fewer than 100 days. While some Clinical Mental Health and Addiction Counseling students may complete these hours in two semesters, there are some students who cannot accumulate the hours at that rate. Thus, students are allowed to register for 1-6 credits per semester. Students must accumulate hours at the rate of a minimum of 10 hours per week. Final decisions about certain exceptional situations outside the guidelines of this policy are made by the MSC Program Director in consultation with the program faculty.

Exam Requirements

Candidates completing the Clinical Mental Health Counseling concentration and the Addiction Counseling concentration are required to take the Counselor Preparation Comprehensive Examination. The minimum passing score for the CPCE is 90 plus or minus the national standard error of the mean. This score may be adjusted from time to time in response to national trends. Students are required to take the exam during the last semester before they graduate from the program.

Candidates completing the School Counseling concentration are required to take the Praxis II test "Professional School Counselor". Passing scores for the praxis can be found online at ETS. Students are required to pass the Praxis before beginning COUN 691 (Internship in School Counseling).

Counseling Concentrations

Students in the Counseling program complete one of three concentrations: Clinical Mental Health Counseling (60-hour program) is offered for candidates who want to complete the educational requirements to become Licensed Professional Counselors. School Counseling (51-57-hour program) is designed for candidates who are pursuing School Counseling in the state of Tennessee. Addiction Counseling (60-hour program) is offered for candidates who want to complete the educational requirements to become an LPC with a subspecialty in treating those with addictions. Graduates completing the Addiction Counseling concentration will also have the required 270 clock hours of Addiction Counseling training/education in the 12 Core Functions as required to proceed toward the Alcohol and Drug Counseling License.

Addiction Counseling Concentration
(60-hour program)

Core courses (42 hours)
COUN 500 Human Growth & Development (3 hrs)
COUN 510 Intro to Counseling Profession (3 hrs)
COUN 520 Theory & Practice of Counseling (3 hrs)
COUN 530 Child & Adult Mental Health Diagnostic (4 hrs)
COUN 540 Cultural Diversity (3 hrs)
COUN 545 Trauma and Crisis Intervention (3 hrs)
COUN 550 Legal & Ethical Issues in Counseling (3 hrs)
COUN 560 Assessment and Evaluation Techniques (3 hrs)
COUN 600 Integration of Faith & Learning (2 hrs)
COUN 610 Group Dynamics (3 hrs)
COUN 620 Career Counseling (3 hrs)
COUN 625 Marriage and Family Counseling (3 hrs)
COUN 648 Evidenced-Based Techniques (3 hrs)
COUN 680 Research Methods (3 hrs)

Required Clinical Experience (9 hours)
COUN 690 Practicum (3 hrs)
COUN 693 Internship (6 hrs)

Required Courses for Addiction Counseling Concentration (9 hours)
COUN 580 Foundations of Addiction Counseling (3 hrs)
COUN 582 Clinical Interventions in Addiction Counseling (3 hrs)
COUN 584 Physiology & Pharmacology of Addiction (3 hrs)

Clinical Mental Health Counseling Concentration
(60-hour program)

Core Courses (45 hours)
COUN 500 Human Growth and Development (3 hrs)
COUN 510 Introduction to the Counseling Profession (3 hrs)
COUN 520 Theory and Practice of Counseling (3 hrs)
COUN 530 Child and Adult Mental Health Diagnostics (4 hrs)
COUN 540 Cultural Diversity in Counseling (3 hrs)
COUN 545 Trauma and Crisis Intervention (3 hrs)
COUN 550 Legal and Ethical Issues (3 hrs)
COUN 560 Assessment and Evaluation Techniques (3 hrs)
COUN 580 Foundations of Addiction Counseling (3 hrs)
COUN 600 Integration of Faith and Learning Seminar (2 hrs)
COUN 610 Group Dynamics and Group Counseling (3 hrs)
COUN 620 Career Counseling (3 hrs)
COUN 625 Marriage and Family Counseling (3 hrs)
COUN 648 Evidence-Based Counseling Techniques (3 hrs)
COUN 680 Research Methods (3 hrs)

Required Clinical Experience (9 hours)
COUN 690 Practicum (3 hrs)
COUN 692 Internship (6 hrs)

Electives (Choose two: 6 hours)
COUN 527 Physiological Psychology and Psychopharmacology (3 hrs)
COUN 535 Child Sexual Abuse (3 hrs)
COUN 553 Theories of Personality (3 hrs)
COUN 580 Foundations of Addiction Counseling (3 hrs)
COUN 645 Child and Adolescent Counseling (3 hrs)
COUN 650 Counseling for Grief and Loss (3 hrs)
COUN 660 Creative and Expressive Arts in Counseling (3 hrs)
CMC 6010 Ministry to the Aging and Their Families (3 hrs)
CMC 6020 Human Sexuality (3 hrs)
CMC 7070 Suffering and Christian Care and Counseling (3 hrs)

**For information about CMC courses, please see the Emmanuel Christian Seminary at Milligan section of the catalog.

School Counseling Concentration (57-hour program) (Candidates without Initial Teaching License)

Core Courses (33 hours)
COUN 500 Human Growth and Development (3 hrs)
COUN 520 Theory and Practice of Counseling (3 hrs)
COUN 530 Child and Adult Mental Health Diagnostics (4 hrs)
COUN 540 Cultural Diversity in Counseling (3 hrs)
COUN 545 Trauma and Crisis Intervention (3 hrs)
COUN 550 Legal and Ethical Issues (3 hrs)
COUN 560 Assessment and Evaluation Techniques (3 hrs)
COUN 600 Integration of Faith and Learning Seminar (2 hrs)
COUN 610 Group Dynamics and Group Counseling (3 hrs)
COUN 620 Career Counseling (3 hrs)
COUN 680 Research Methods (3 hrs)

Required Clinical Experience (9 hours)
COUN 690 Practicum (3 hrs)
COUN 691 Internship (6 hrs)

Required Courses for School Counseling Concentration (9 hours)
COUN 555 Professional Roles and Practices of School Counselors (3 hrs)
COUN 645 Child and Adolescent Counseling (3 hrs)
EDUC 641 Advanced Parent Education and Involvement (3 hrs)

Additional Courses to Meet Licensure Standards (6 hours)
EDUC 530 Education of Exceptional Students (3 hrs)
EDUC 520 Secondary Curriculum Methods (3 hrs) Or
EDUC 576 Early Childhood and Elementary Curriculum Methods (3 hrs)

Notes: With the course sequence above, only students without initial teaching licensure would take EDUC 530. Candidates without initial teaching licensure would take EDUC 520 or EDUC 576 to meet the following state requirement:

Professional school counselor candidates without prior teaching experience will have an additional orientation experience in a school as an early part of the preparation program. The orientation experience provides candidates the opportunity to observe, participate in, and analyze classroom instruction. The orientation provides the candidate with teaching experiences and feedback regarding the candidate's teaching.

School Counseling Concentration (51-hour program) (Candidates with Initial Teaching License)

Core Courses (33 hours)
COUN 500 Human Growth and Development (3 hrs)
COUN 520 Theory and Practice of Counseling (3 hrs)
COUN 530 Child and Adult Mental Health Diagnostics (4 hrs)
COUN 540 Cultural Diversity in Counseling (3 hrs)
COUN 545 Trauma and Crisis Intervention (3 hrs)
COUN 550 Legal and Ethical Issues (3 hrs)
COUN 560 Assessment and Evaluation Techniques (3 hrs)
COUN 600 Integration of Faith and Learning Seminar (2 hrs)
COUN 610 Group Dynamics and Group Counseling (3 hrs)
COUN 620 Career Counseling (3 hrs)
COUN 680 Research Methods (3 hrs)

Required Clinical Experience (9 hours)
COUN 690 Practicum (3 hrs)
COUN 691 Internship (6 hrs)

Required Courses for School Counseling Concentration (9 hours)
COUN 555 Professional Roles and Practices of School Counselors (3 hrs)
COUN 645 Child and Adolescent Counseling (3 hrs)
EDUC 641 Advanced Parent Education and Involvement (3 hrs)

Certificate in Counseling Ministry

The Certificate of Graduate Study in Counseling Ministry is a 19-hour curriculum that introduces students to basic knowledge about both secular and Christian perspectives on counseling and how these may be applied in a church-based setting. In addition, the program provides an introduction to psychopathology. To complete the curriculum, students choose elective hours that are the best fit for their settings and interests. The intent of this program is to prepare students to apply counseling theory and practice to ministry settings. Students are prepared for work in churches, mission agencies and other settings in which informal counseling and support groups are often provided.

The Certificate is designed to be a practical tool for congregational leaders and members who do not intend to seek licensure. The Certificate does not indicate that the recipient of the Certificate has professional expertise. Persons desiring expertise in counseling should complete the relevant advanced degree (e.g., M.S.C., M.Div., etc.) and fulfill all the additional licensure requirements of the State of Tennessee.

The purpose of the Certificate is to better prepare men and women who serve in leadership positions (both formal and informal) within congregations 1) to be properly introduced to standard theories and practices of counseling, 2) to recognize and respond effectively to routine challenges in human relationships occurring within congregations, 3) to recognize those challenges which require professional intervention by licensed practitioners, 4) to make timely and effective referrals, and 5) to support the work of licensed professional counselors.

This program combines existing courses in the Master of Science in Counseling with existing courses in the Seminary's Christian Care and Counseling concentration to offer a useful and necessary program for individuals serving in ministry.

Students enrolled in a certificate program are not eligible for federal financial aid or institutional scholarships.

Courses:
(Students are required to have completed General Psychology or a reasonable substitute before enrolling in the certificate program.)

Required courses (13 hours):

COUN 520 Theory and Practice of Counseling (3 hrs)
COUN 530 Child and Adult Mental Health Diagnostics (4 hrs)
CMC 5010 The Person of the Minister (3 hrs)
CMC 7050 Basic Approaches to Christian Care and Counseling (3 hrs)

Elective courses (6 hours):

COUN 535 Child Sexual Abuse (3 hrs)
COUN 540 Cultural Diversity in Counseling (3 hrs)
*CMC 6030 Counseling and Multiculturalism (3 hrs)
COUN 545 Trauma and Crisis Intervention (3 hrs)
COUN 610 Group Dynamics and Group Counseling (3 hrs)
COUN 625 Marriage and Family Counseling (3 hrs)
*CMC 6210 The Church and Marriage and Family Therapy (3 hrs)
COUN 645 Child and Adolescent Counseling (3 hrs)
COUN 650 Counseling for Grief and Loss (3 hrs)
*CMC 7070 Suffering and Christian Care and Counseling (3 hrs)
COUN 660 Creative and Expressive Arts in Counseling (3 hrs)
CMC 6010 Ministry to the Aging and Their Families (3 hrs)
CMC 6020 Human Sexuality (3 hrs)
*CMC 6030 can be substituted for COUN 540.
*CMC 6210 can be substituted for COUN 625.
*CMC 7070 can be substituted for COUN 650.

*For information about CMC courses, please see the Emmanuel Christian Seminary section of the catalog.

Master of Science in Occupational Therapy (M.S.O.T.)

School of Sciences and Allied Health
Area of Occupational Therapy

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders", the Master of Science in Occupational Therapy (MSOT) degree program specifically endeavors:

- to honor God by becoming a model of excellence in occupational therapy education, service and scholarship;
- to prepare occupational therapists as servant-leaders who engage in scholarship, contribute to the profession, and offer clinical expertise to the underserved local and global communities.

The MSOT program supports Milligan University's institutional outcomes in scholarship, community, and faith by preparing graduates who will:

- demonstrate social responsibility in numerous ways, such as serving in churches, on the mission field (domestic and foreign), and with social agencies; mentoring, nurturing, and protecting others; and displaying increased understanding of and experience with other cultures;
- demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major fields of study;
- gain an enriched quality of life through awareness of health issues, appreciation for both the arts and sciences, stewardship of resources, and preparation for graduate studies and a rewarding career or profession.

Program Goals
The following goals are expected upon completion of the professional curriculum and arise directly from the missions of the University and the professional program and from the program's philosophy.

By the time of graduation from this curriculum, the student should:

1. demonstrate professional-level knowledge and competencies in therapeutic use of occupation necessary for practice as a client-centered occupational therapist in health care and human service delivery systems, particularly in underserved areas;
2. engage in critical evaluation and application of research, resourceful thinking, and problem-solving skills in practice;
3. exhibit the administrative skills necessary for the service delivery of occupational therapy;
4. model excellence in social, personal and professional ethics;
5. participate as a servant-leader in the field of occupational therapy.

The Master of Science in Occupational Therapy degree program promotes integration and utilization of theory and practice in the art and science of occupational therapy and prepares students to meet the entry-level standards of the Accreditation Council for Occupational Therapy Education (ACOTE).

The Master of Science in Occupational Therapy degree program is designed for students who have an earned bachelor's degree and who have completed the prerequisite requirements for admission to the program. Baccalaureate degrees can be in a variety of academic areas, some of which include human performance and exercise science, human development, sociology, biology, and psychology.

Occupational Therapy

Required courses for the degree:
OT 501 Diagnostic Considerations for Occupational Therapy (4 hrs)
OT 510 Christ and Calling in Health Care (1 hr)
OT 531 Musculoskeletal Anatomy (3 hrs)
OT 532 Functional Neuroanatomy (3 hrs)
OT 535 Biomechanical Function and Occupational Performance (3 hrs)
OT 560 Occupations and Occupational Therapy (4 hrs)
OT 580 Research Design and Methods in Occupational Therapy I (3 hrs)
OT 605 Lifespan Occupational Development I (3 hrs)
OT 610 Play/Leisure (2 hrs)
OT 617 Environmental Modifications, Adaptations, & Assistive Technology (3 hrs)
OT 631 Psychosocial Influences on Occupation (5 hrs)
OT 632 Occupational Therapy with Children and Youth(5 hrs)
OT 643 Adult Orthopedic Rehabilitation (4 hrs)
OT 644 Adult Neurological Rehabilitation (3 hrs)
OT 651 Community-Based Occupational Therapy (4 hrs)
OT 652 Occupational Therapy with Older Adults (3 hrs)
OT 680 Research Design and Methods in Occupational Therapy II (2 hrs)
OT 691A Fieldwork Level IA (1 hr)
OT 691B Fieldwork Level IB (1 hr)
OT 691C Fieldwork Level IC (1 hr)
OT 710 Leading and Managing Occupational Therapy Services (3 hrs)
OT 740 Professional Development Seminar (1 hr)
OT 750 Specialization Elective (2 hrs)
OT 780A Directed Research (2 hr)
OT 780B Directed Research (2 hrs)
OT 780C Directed Research (1 hr)
OT 791A Fieldwork Level IIA (5 hrs)
OT 791B Fieldwork Level IIB (5 hrs)
OT 791C Fieldwork Level IIC (optional)

Total number of required hours: 79

Accreditation
The occupational therapy program at Milligan University is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. Phone: 301.652.AOTA. Website: www.acoteonline.org. Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT).

After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. (Applicants should note that previous conviction of a felony may affect a graduate's ability to sit for the NBCOT certification examination or attain licensure.) One hundred percent of graduates from Milligan University's M.S.O.T. program have found employment in the field of occupational therapy or an occupational therapy-related position.

Tuition and Fees
For information regarding tuition, fees, and financial aid, please refer to the "graduate financial information" and "graduate financial aid" sections of the catalog.

Enrollment Status for Level II Fieldwork
Students in the MSOT program enroll in five credits in each of their final two terms (summer and fall). Although full-time enrollment for this program is typically nine credit hours per session, the five credits in each of the final two terms constitute full-time enrollment for financial aid and reporting purposes.

Library
Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many specialized occupational therapy-related databases. Refer to the *Academic Policies –Library Services* section of the catalog for additional information.

Admission Requirements
The minimum requirements for admission to the M.S.O.T. program are as follows:

1. A baccalaureate degree with overall undergraduate grade point average of 3.0
2. Official transcripts from every college attended whether or not the applicant graduated from that school.
3. Observation experience in an occupational therapy clinical setting. A minimum of 12 virtual observation hours required if in-person observation experience is not possible.
4. International students should see the additional requirements listed on page 213.
5. Three completed references from persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities of potential for success as a graduate student. At least one should be from a professor who instructed the student.
6. A completed baccalaureate degree that includes the following prerequisite courses:
   a. Math and Science (9 - 12 hrs; 8 hrs of which must be combined anatomy and physiology courses)
   b. Social Science (9 hrs; 3 hrs of which must be an introductory psychology course; 3 hrs of which must be either an introductory sociology course or an introductory anthropology course; 3 hrs of which must be a human development course or developmental psychology course)
   c. Communication (Written and Verbal) (6 hrs)
   d. Medical Terminology (1 - 3 hrs)
   e. Computer Literacy (3 hrs) (can be fulfilled through documented computer competency)

All application pieces should be submitted to OTCAS through the website https://portal.otcas.org/. Milligan's MSOT program starts one class a year each August. Admission is very competitive in the MSOT program; therefore, it is highly recommended to have your completed application submitted to OTCAS by **September 1** for verification. The application must be verified in OTCAS by **October 1** in order for the application to be considered for admission.For questions about OT CAS, applicants can call 617-612-2860 or e-mail otcasinfo@otcas.org. Prospective students meeting the minimum admission criteria will be considered for a face-to-face, on-site interview. However, meeting the minimum requirements does not guarantee an invitation for a face-to-face, on-site interview. Final selection of students will be made by the admissions committee of the occupational therapy program.

Milligan University undergraduate students applying for early acceptance will need to fill out a hard copy application available in the MSOT office. The Early Acceptance Program (EAP) applications should be submitted directly to the Office of Graduate and Professional Studies.

Academic Probation and Retention Standards
Retention in the occupational therapy program is based on a combination of academic performance and adherence to the program's Technical Standards for Admission and Retention and/or the Occupational Therapy Code of Ethics for Students (see Occupational Therapy Student Manual for a detailed overview of the Technical Standards and statement of Occupational Therapy Code of Ethics for students).

Specific standards include but are not limited to the following:

1. The student must maintain a cumulative grade point average of "B" (3.0) to graduate from the occupational therapy program.
2. The student must earn a grade of at least "C" in non-core courses within the program.
3. The student must earn a grade of at least "B" in all core (theory and practice courses) courses.
4. Failure to comply with the above standards will necessitate program faculty action that includes, but is not limited to: repetition of specific courses, fulfillment of additional requirements, academic probation, and/or dismissal from the program.

No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Transfer Credit
Transfer credit is generally not permitted because of the program accreditation requirements. Special circumstances may warrant permission of transfer credit. The program faculty council and admissions committee will make determination of transfer credit.

Time Limits for Completion of Requirements
All students are admitted to the occupational therapy program on a full-time basis. Completion of all degree requirements on a full-time basis will take a minimum of two and one-half years. In exceptional cases, part-time status may be granted. Part-time students must complete all degree requirements within a period defined by the faculty council of the occupational therapy program. This time period must not exceed five years. Students must complete their clinical affiliations within 24 months of completing their classroom work.

Grade Requirements for Graduation
Students must achieve a 3.0 average for graduation.

Curriculum and Course Sequence
Six (6) content threads weave across all phases of the curriculum and will help students to develop into occupational therapists who provide care to underserved populations. These threads, which are distinctive to the MSOT Program, are as follows:

- Foundational knowledge and competencies in the use of occupation
- Resourceful and creative thinking
- Community-based care
- Service administration
- Professional and Ethical Development
- Servant leadership

The 79-hour curriculum includes coursework in three essential components: basic skills, the occupational therapy process, and capstone experiences.

Component I: Basic Skills
The basic skills component represents subject matter which serves as the foundation for the professional theories and practice methods. This component includes applied science courses, research methods and design, and an introduction to the profession of occupational therapy. Component 1 includes the content threads: Foundational Knowledge and Competencies in Therapeutic Use of Occupation, Resourceful and Creative Thinking, Professional & Ethical Development, Servant Leadership.

Component II: The Occupational Therapy Process
The core of this curriculum, the occupational therapy process, includes the study of occupation and therapeutic use of occupation, typical life span development, and health and wellness with integration of the major theories and practice methods of occupational therapy. A developmental sequence (i.e., from children to older adults) is utilized to facilitate

continuity and consistency from one course to another. Major topics dealing with disease processes, the physical and psychosocial impact of dysfunction, wellness, assessment, intervention, adaptation, and emerging practice areas are incorporated. This sequence of courses promotes the development of resourceful and critical thinking skills in the occupational therapy process with persons, groups, and populations. Self-reflection is facilitated to expand professional and ethical practice and servant leadership. An introduction to clinical experiences through Level I fieldwork is included. Component II includes all six content threads: Foundational Knowledge and Competencies in Therapeutic Use of Occupation, Resourceful and Creative Thinking, Community-based Care, Service Administration, Professional and Ethical Development, and Servant Leadership.

Component III: Capstone Experiences
The capstone component of the curriculum is designed to move the student further toward the objective of integrated critical thinking for generalist practice as an entry-level occupational therapist with expertise in therapeutic use of occupation and therapeutic use of self. Topics covered in these courses include: administration and leadership, professional development, directed research, and Level II fieldwork. At the end of this component of the curriculum, the student should be prepared to sit for the NBCOT certification examination for the occupational therapist. Component III includes all six content threads: Foundational Knowledge and Competencies in Therapeutic Use of Occupation, Resourceful and Creative Thinking, Community-based Care, Service Administration, Professional and Ethical Development, and Servant Leadership.

In addition, the student is expected to complete a group research project.

The courses and the clinical experiences are designed to develop the knowledge and skills of the highest national standards. The teaching faculty members are nationally recognized professionals prepared to offer applied science and skills courses at the advanced level.

Master of Science in Physician Assistant Studies (M.S.P.A.S.)

School of Sciences and Allied Health
Area of Physician Assistant Studies

The Master of Science in Physician Assistant Studies degree program promotes integration and utilization of theory and practice in the art and science of physician assistant studies and prepares students to meet the entry-level standards as defined by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA).

The Master of Science in Physician Assistant Studies degree program is designed for students who have an earned bachelor's degree and who have completed the prerequisite requirements for admission to the program. Baccalaureate degrees can be in a variety of academic areas, some of which include human performance and exercise science, human development, sociology, biology, and psychology.

The Master of Science in Physician Assistant Studies degree program supports the following goals of Milligan University:

- Students will demonstrate social responsibility in numerous ways, such as serving in churches, on the mission field (domestic and foreign), and with social agencies; mentoring, nurturing, and protecting others; and displaying increased understanding of and experience with other cultures.

- Students will demonstrate sound scholarship through their ability to read and think analytically and critically, to communicate clearly and effectively, to evidence knowledge and competencies in the liberal arts and the natural and social sciences, and to understand a significant body of material in their major fields of study.

- Students will gain an enriched quality of life through awareness of health issues, appreciation for both the arts and sciences, stewardship of resources, and preparation for a rewarding career or profession.

Program Goals

The following goals are expected upon completion of the professional curriculum and arise directly from the mission of the University and the professional program and from the program's philosophy.

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the physician assistant studies program specifically endeavors to prepare physician assistants as servant leaders who provide clinical expertise while making positive contributions to the profession, the communities they practice in, and society as a whole.

The physician assistant studies program supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

1. provide competent and compassionate health care to diverse individuals and populations across the lifespan;
2. effectively interact and communicate with all health professionals, patients and patients' families;
3. engage in life-long learning to maintain professional quality;
4. demonstrate competence in social, legal, and ethical issues related to healthcare practice;
5. apply evidence-based medicine into all areas of practice;
6. demonstrate the ability to integrate practice with a Christian worldview.

Accreditation

The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Milligan University Physician Assistant Program sponsored by Milligan University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA *Standards*. Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the *Standards*. The approximate date for the next validation review of the program by the ARC-PA will be **June 2032**. The review date is contingent upon continued compliance with the Accreditation *Standards* and ARC-PA policy. The program's accreditation history can be viewed on the ARC-PA website at http://www.arc-pa.org/accreditation-history-milligan-university/.

Admission Requirements

The minimum requirements for admission to the M.S.P.A.S. program are as follows:

1. A baccalaureate degree with a minimum cumulative undergraduate grade point average of 3.0
2. A minimum 3.0 GPA for prerequisite science courses.
3. Official transcripts from every college attended whether or not the applicant graduated from that school.
4. Healthcare experience with a minimum of 300 documented hours of direct patient care or observation experience.
5. Strong verbal and quantitative reasoning skills as reported on the Graduate Record Examination (GRE). A minimum composite score of 289 will be accepted, and the exam must have been taken within the past five years. GRE scores are to be submitted directly through Central Application Service for Physician Assistants (CASPA), and the Milligan University PA GRE code is 7342.
6. International students should see the additional requirements listed on page 213.
7. Three completed reference forms from persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities of potential for success as a graduate student. At least one reference must be from someone with/for whom the applicant has worked/volunteered in a health care setting.
8. A completed baccalaureate degree that includes the following prerequisite courses:
   a. Math and Science (*courses must include live hands on lab; courses with online laboratories will not be accepted)
      - General Biology* (4 semester hrs)
      - Anatomy and Physiology* (8 semester hrs)
      - Microbiology* (4 semester hrs)
      - General Chemistry* (8 semester hrs)
      - Organic Chemistry or Biochemistry (3 semester hrs)
      - Statistics (3 semester hrs)

   b. Social Science
      - Intro to Psychology, Intro to Sociology, or Intro to Anthropology (3 semester hrs)
      - Developmental Psychology OR Lifespan Psychology (3 semester hrs)

   c. Communication
      - Writing/English Composition (6 semester hrs)
      - Public Speaking (3 semester hrs)

   d. Medical Terminology (1 semester hr)
9. Meet technical standards for observation, communication, sensory motor, intellectual/conceptual/integrative/quantitative, and behavioral/social attributes.
10. Clear level 1 background check if offered and accept a seat of admission

11. Obtain BLS certification through the American Heart Association prior to starting the program.

All application pieces should be submitted to CASPA through the website at www.caspaonline.org. The application deadline is September 1. Applicants are responsible for all fees. For questions about CASPA, applicants can e-mail caspainfo@caspaonline.org. Prospective students meeting the admission criteria will be considered for an interview. Final selection of students will be made by the MSPAS admissions committee.

Financial Information

Applicants who are accepted in the program are required to submit a completed Enrollment Confirmation form and $1,000 non-refundable deposit by the deadline stated in their letter of acceptance. Refer to the *Graduate – Financial Information* section of the catalog for additional financial information, including tuition and fees. For financial aid, refer to the *Graduate – Financial Aid* section of the catalog for additional information, or call the Financial Aid Office (800-447-4880).

Transfer Credit

Transfer credit is not permitted because of program accreditation requirements.

Library

Access the Library's resources online through library.milligan.edu 24 hours a day, 7 days a week. These resources include many physician assistant-related databases. Refer to the *Academic Policies – Library Services* section of the catalog for additional information.

Withdrawal from the University or Dropping a Class

Refer to the *Academic Policies – Withdrawal from the University or Dropping a Class* section of the catalog.

Academic Probation and Retention Standards

Retention in the physician assistant program is based on a combination of academic performance and adherence to the program's Technical Standards for Admission and Retention and/or the Physician Assistant Student Handbook (see Physician Assistant Studies Student Handbook for a detailed overview of the Technical Standards and statement of Physician Assistant Code of Ethics for students). Specific standards include but are not limited to the following:

1. The student must maintain a cumulative grade point average of "B" (3.0) to graduate from the physician assistant studies program.

2. The student must earn a grade of at least "C-" in all didactic courses of the program.

3. The student must earn a grade of at least "C" in all clinical courses of the program.

4. Failure to comply with the above standards will necessitate program faculty action that includes, but is not limited to: fulfillment of additional requirements, academic observation, and/or dismissal from the program.

No refunds or adjustments to tuition and fee charges are granted to persons dismissed from the program for reasons related to academic performance or integrity.

Readmission

In order to be readmitted, students must have approval by the Director of the Physician Assistant program. Students must request readmission within one year of withdrawing. Readmission is granted pending space availability at the appropriate point in the curriculum and will only be granted under rare circumstances. Graduation requirements in effect at the time of readmission will apply.

Time Limits for Completion of Requirements

All students are admitted to the physician assistant program on a full-time basis. Completion of all degree requirements on a full-time basis will take a minimum of 28 months. Part-time status will not be granted.

Grade Requirements for Graduation

Students must achieve a 3.0 grade point average for graduation.

Curriculum

Curriculum and Course Sequence

The 108-hour curriculum includes coursework in two phases over 28 months:

Didactic Phase

This phase consists of 72-credit hours of course work delivered in face-to-face instruction over the course of 15 months. Each entering cohort of students begins this phase of the curriculum in January of each year. The phase includes subject matter which establishes a strong foundation in health information technology and evidence-based medicine for the physician assistant education. This includes applied medical, behavioral, and social sciences, patient assessment and clinical medicine, and health policy and professional practice issues.

Clinical Phase

This phase consists of 36-credit hours of clinical rotations. Each student completes a series of eight, six-week clinical rotations over the course of 13 months. The clinical experiences occur in multiple types of clinical settings and are designed to develop the knowledge and skills of physician assistant students to continue to prepare them for entry level practice as a physician assistant.

Semester One
PAS 510 Christ and Calling in Healthcare (1 hr)
PAS 511 Anatomy (6 hrs)
PAS 512 Interpersonal Communication in Healthcare (2 hrs)
PAS 513 Health Care Systems and Ethics (3 hrs)
PAS 514 Academic and Professional Ethics (1 hr)
PAS 515 Physiology/Pathophysiology I (3 hrs)

Semester Two
PAS 520 Public Health/Preventative Medicine (2 hrs)
PAS 521 Clinical Medicine and Diagnostics I (4 hrs)
PAS 522 Patient Assessment, Counseling, and Education I (4 hrs)
PAS 523 Pharmacology/Pharmacotherapy I (3 hrs)
PAS 524 Clinical Decision Making I (2 hrs)
PAS 525 Physiology/Pathophysiology II (3 hrs)

Semester Three
PAS 530 Behavioral Medicine (3 hrs)
PAS 531 Clinical Medicine and Diagnostics II (4 hrs)
PAS 532 Patient Assessment, Counseling, and Education II (4 hrs)
PAS 533 Pharmacology/Pharmacotherapy II (3 hrs)
PAS 534 Clinical Decision Making II (2 hrs)
PAS 535 Evidence-Based Medicine/Research Methods (3 hrs)

Semester Four
PAS 540 Pediatrics (3 hrs)
PAS 541 Clinical Medicine and Diagnostics III (4 hrs)
PAS 542 Patient Assessment, Counseling, and Education III (4 hrs)
PAS 543 Pharmacology/Pharmacotherapy III (3 hrs)
PAS 544 Clinical Decision Making III (2 hrs)
PAS 545 Surgical Medicine (3 hrs)

Clinical Phase (Semesters Five, Six, and Seven)
PAS 610 Family Practice Supervised Clinical Practice Experience (SCPE) (4 hrs)
PAS 620 Internal Medicine SCPE (4 hrs)
PAS 630 Pediatrics SCPE (4 hrs)
PAS 640 OB/Gyn SCPE (4 hrs)
PAS 650 General Surgery SCPE (4 hrs)
PAS 660 Emergency Medicine SCPE (4 hrs)
PAS 670 Behavioral Medicine SCPE (4 hrs)
PAS 680 Elective SCPE (4 hrs)
PAS 760 Summative Evaluation (4 hrs)

Total number of required hours: 108

Course descriptions for graduate courses (non-seminary)

ACCOUNTING

ACCT 530. Seminar in Managerial Accounting - A course covering the organizational development of financial and nonfinancial budgets, interaction among performance measurement systems and human behavior, and advanced topics in uses of information for decision-making. Three semester hours.

BUSINESS ADMINISTRATION

BADM 517. Marketing Strategy - This course examines the development of marketing strategy at the business unit level and its connection with corporate strategy. Concentration is given to opportunity analysis, competitive evaluation, and marketing strategy design and revision. Three semester hours.

BADM 524. Analytical Decision-Making - A focus on the analysis of information gathered both internally and externally. Topics addressed include both the statistical analysis used in the decision-making processes at the managerial level as well as the constrained optimization techniques required in managerial economics. Three semester hours.

BADM 525. Administration of Healthcare Organizations – An examination of the U.S. healthcare system including an exploration of managing a staff of professional medical providers; effective navigation of government interventions such as Medicare, Medicaid, and the Patient Protection and Affordable Care Act; and comparisons with other healthcare delivery systems in developed countries. Three semester hours.

BADM 526. Administration of Healthcare Finance – An examination of payment systems; reimbursement policies; third-party billing; for-profit vs. not-for-profit status; medical coding and billing systems. Three semester hours.

BADM 527. Management of Regulatory Compliance within Healthcare Organizations – An examination of the laws and regulations from The Joint Commission and other key regulatory agencies. Concentration is placed on strategies to effectively design and maintain a compliance program within a healthcare organization. Three semester hours.

BADM 528. Supply Chain Management – A study of the activities involved in moving materials and information through each firm from the raw material stage to delivery of the final product to the consumer. Some steps in this process include transportation, warehousing, inventory control, and information management. The course places special concentration on the interrelated nature of the functional areas of business and the role that a holistic management approach plays in the development of an effective and resilient supply chain in an era of increasingly global competition. Three semester hours.

BADM 530. Management and Leadership - This course examines current issues in leadership and appropriate strategies for implementing planned change. The course integrates materials from both micro and macro approaches to leadership and looks at the differences between managers and leaders, the leader-member exchange process, the leader's role in setting the strategic direction of an organization, and the ethical, moral and professional issues of leadership with concentration on developing a biblical foundation of leadership. Three semester hours.

BADM 531. Leading and Communicating in Global and Diverse Contexts – An exploration of best practices in understanding and maximizing human interaction in global and diverse contexts. Effective communication for various leadership roles is examined including interpersonal, small group, organizational, and public situations. Skills to develop intercultural competence and evaluating communication barriers that prevent the understanding of a leader's message are explored. Three semester hours.

BADM 532. Leading Organizational Change – An examination of the forces that drive organizations to change and the role of innovation and creativity in change efforts. Literature and best practices related to the emerging roles of the leader as an agent of change are examined. Also examined are forces for change, diagnosis for change, visioning, resistance to change, and consolidating change. Three semester hours.

BADM 533. Leading Effective Teams – Today's complex organizational environment requires strong leadership and interpersonal skills, along with the ability to create and facilitate teams. This course will provide both the conceptual understanding and the behavioral skills required to participate in and build effective teams. The course will focus on the role of the leader as a facilitator in designing and managing teams, building trust within the team, establishing a climate of accountability, promoting collaboration, facilitating decision-making, fostering creativity, and addressing dysfunctional conflict in a team environment. Students will also explore the role of team membership. Topics include the stages of team development, aligning individuals around group goals, understanding team dynamics and conflict resolution. Three semester hours.

BADM 535. Managing Human Resources – An in-depth study of human resource management and a strategic overview of the essential knowledge required to manage a firm's human resources effectively including both interpersonal and quantitative skills. It explores human resources within various structures and with different job, skill, and behavioral requirements. Concentration is given to the ethical behavior by managers as they enforce standards throughout the organization and the strategic integration of human resource functions within the context of a firm's task environment. Three semester hours.

BADM 541. Business Ethics from a Christian Perspective - This course examines the moral, ethical, social, and spiritual aspects of the practice of business. Students will explore the relationship between Christianity and commerce and the role of character in leadership and ethical decision making. Three semester hours.

BADM 544. Strategic Management - An examination of policymaking and strategic management in organizations while integrating and applying the work of the core curriculum. Students will develop a mastery of a body of qualitative and quantitative analytical tools with which to analyze industries and competitors, identify and predict competitive behavior, develop and sustain competitive advantage, and make ethical strategic decisions. Students will participate in a simulation that will allow them to apply this body of knowledge while making strategic decisions for a simulated company. The deliverable for this course will be a presentation that demonstrates integration, application, and mastery of the Master of Business Administration program content. Five semester hours.

COUNSELING

COUN 500/500M. Human Growth and Development - An advanced study of the theories and factors relevant to understanding human development throughout the lifespan. Concentration on social, cognitive, and affective development, including implications for counseling strategies across the lifespan. COUN 500 or 500M offered summer term each year. Three semester hours.

COUN 510. Introduction to the Counseling Profession – An orientation to the counseling profession introduction that trains students in various aspects of the counseling field including: the history of the

counseling profession; exam and licensure requirements related to development as a professional counselor; and individual approaches to counseling with a particular emphasis on counseling skills and competencies necessary to becoming a counselor, with regard to the roles and functions of counselors in a professional setting including preparation for practicum, internship, and various employment opportunities. **This course must be taken at Milligan; no transfer credit allowed for this course.** Offered fall term each year. Three semester hours.

COUN 520. Theory and Practice of Counseling – An introduction of, and initial preparation for, the profession of counseling. Behavioral and professional expectations of counselors are emphasized. The course provides an overview of theories and techniques of counseling and psychotherapy with concentration on comprehensive analysis of each theory. Skills in intake assessment, treatment planning, brief and long-term models, crisis intervention, and prevention strategies are developed. **This course must be taken at Milligan; no transfer credit will allowed for this course.** Offered fall term each year. Three semester hours.

COUN 527. Physiological Psychology and Psychopharmacology – An examination of current developments in the fields of physiological psychology and psychopharmacology. The course includes an exploration of the physiological bases of emotion, sleep, sexual behavior, hunger and thirst, learning and memory, psychopathology, and drug use and abuse. Focus is given to basic classifications and indications of commonly prescribed psychopharmacological medications. The appropriate uses of these medications, as well as the identification of their effects and side effects, are emphasized. Offered every spring. Three semester hours.

COUN 530. Child and Adult Mental Health Diagnostics – An introduction to the evaluation and classification of mental health and psychiatric disorders according to current standards of classification. Includes instruction in purpose and use of DSM. Offered spring term each year. Four semester hours.

COUN 535. Child Sexual Abuse – An examination of current research and theory regarding child sexual abuse, including prevalence, causes, dynamics, consequences, and prevention. Attention is given to treatment approaches and techniques in working with individuals and families involved in sexual abuse situations. Offered intermittently. Three semester hours.

COUN 540. Cultural Diversity in Counseling – A concentration on the development and enhancement of multi-cultural and ethnic awareness and how this impacts counseling. The course is designed to help counselors maximize their effectiveness in working with clients from different cultures and sub-cultures. Includes counseling skills that are effective with clients with various disabilities, races, religions, sexual orientations, and economic backgrounds. Prerequisite: COUN 520. Offered fall term each year. Three semester hours.

COUN 545. Trauma & Crisis Intervention – A survey of specific theoretical models and therapeutic techniques used in trauma and crisis intervention and their application to situations encountered in clinical practice including suicide, family and interpersonal violence, survival of various traumas, disasters and catastrophesas well as developmental trauma and crisis experienced throughout the lifespan. Students gain both knowledge and confidence in their ability to deal with client's traumatic experiences and crises. Prerequisite: COUN 500. Offered spring term each year. Three semester hours.

COUN 550/550M. Legal and Ethical Issues - An extensive overview of legal, ethical, and professional issues in the provision of counseling services in a variety of settings. Includes review of Tennessee laws, the American Counseling Association code of ethics, and related codes as appropriate. Steps in ethical decision-making are discussed, and case studies are presented. Students gain an understanding of the need for ethical standards and learn how to follow ethical guidelines. Pre- or co-requisites: COUN 510 and 520. COUN 550 or 550M offered fall term each year. Three semester hours.

COUN 553 Theories of Personality – An in-depth examination of the major theoretical approaches to the study of personality. Personality development, dynamics and differences are studied with special concentration on application of each theoretical view to the counseling setting. Offered intermittently. Three semester hours.

COUN 555. Professional Roles and Practices of School Counselors – An orientation to the school counseling profession and the roles of professional school counselors. This course examines planning, designing, implementing, and evaluating a comprehensive and developmental guidance and counseling program that includes students, teachers, administrators, parents, and community members. The course also examines state and national counseling program models and required competencies. Legal and ethical issues in school counseling also are discussed. Pre or co-requisite: COUN 520. Offered fall term each year. Three semester hours.

COUN 560. Assessment and Evaluation Techniques –This course includes a history and overview of the standard evaluation methods commonly used in the assessment of individuals and groups. Topics covered are validity, reliability, and statistical concepts for the evaluation and interpretation of test data. This course also includes an overview of the various categories of psychological tests and the better-validated tests within each category. Students gain skills in the ethical and professional selection, administration, scoring, and interpretation of commonly used aptitude, achievement, and interest tests. Prerequisites: COUN 510, COUN 520. Prerequisite or corequisite: COUN 530. Offered every spring semester. Three semester hours.

COUN 570. Human Sexuality – An examination of human sexuality from physiological, psychological, cultural, and spiritual perspectives. The course is designed to develop students' knowledge related to human sexuality, an understanding of the sexuality issues that may be encountered in counseling practice, exposure to the assessment and intervention skills required to deal with sexuality issues, and awareness of one's personal perception, attitudes, and ethical considerations related to sexuality issues. Students will consider how sexuality issues are related to the individuals' spiritual frameworks and belief systems. Offered as needed. Three semester hours.

COUN 580. Foundations of Addiction Counseling – An overview of the history, theory, and current research perspectives in the etiology, assessment, diagnosis and treatment of substance and behavioral/process addictions. Focuses on the influence substance and process addictions have on individuals, couples, families and career. In addition, the course examines the similarities and differences between chemical/substance addictions and behavioral/process addictions. Prerequisites: COUN 520. Prerequisite or corequisite: COUN 530. Offered spring term each year. Three semester hours.

COUN 582. Clinical Interventions in Addiction Counseling - This course will cover in-depth information necessary to equip students to competently counsel those with addictions, including the potential for addictive and substance use disorders to mimic and/or co-occur with a variety of medical and psychological disorders, differential diagnosing, and legal and ethical considerations specific to addiction counseling. Students will explore a range of interventions for addiction treatment in a wide variety of settings. In addition, students will learn the regulatory processes and substance abuse policy relative to service delivery opportunities, psychological tests and assessments specific to addiction counseling, and professional organizations, preparation standards, and credentials relevant to the practice of addiction counseling. Offered fall term each year. Three semester hours.

COUN 584/584M. Physiology & Pharmacology of Addiction - This course will address pharmacological and physiological influence of substance addiction. Classifications, indications, and contraindications of commonly prescribed psychopharmacological medications for appropriate medical referral and consultation will be addressed. In addition, the diagnostic process, including differential diagnoses and the use of current

diagnostic classification systems, including the Diagnostic and Statistical Manual of Mental Disorders (DSM) and the International Classification of Diseases (ICD) will be covered. COUN 584 or 584M offered spring term each year. Three semester hours.

COUN 600. Integration of Faith and Learning Seminar – An ongoing discussion and examination of the theoretical and practical aspects of the integration of faith and learning. Offered every term (fall, spring, and summer) each year. Students must take this course four times. One-half semester hour.

COUN 610/610M. Group Dynamics and Group Counseling - An introduction to group dynamics and group counseling with concentration on theoretical and practical issues. Reviews historical perspectives, popular treatment techniques, empirical evidence on treatment efficacy, ethical and legal issues, and integration considerations. Prerequisite: COUN 520. COUN 610 or 610M offered May or summer term each year. Three semester hours.

COUN 620/620M. Career Counseling – An introduction to methods used in counseling clients about career-related decisions. Provides an overview of test instruments used to evaluate skills and aptitudes, methods to give guidance for training and job placement, and job interview strategies. Prerequisite: COUN 520. COUN 620 or 620M offered spring term each year. Three semester hours.

COUN 625. Marriage and Family Counseling - An examination of several leading contemporary theories of marriage and family counseling, with concentration on the techniques used within each of those theories. Prerequisites: COUN 510, COUN 520. Offered fall term each year. Three semester hours.

COUN 630. Nature Therapy- A course in which students learn and experience the physical, mental, and spiritual benefits of nature. Nature Therapy is a postmodern experiential approach based on the integration of elements from art and drama therapy, Gestalt, narrative, eco-psychology, transpersonal psychology, adventure therapy, and body-mind practices. Students of all abilities can participate fully. The course will consist of a combination of classroom time, field time engaged in nature, and one weekend retreat to be announced at registration. All field experiences must be discussed with the instructor in advance for approval, but a wide range of options exist, including but not limited to "forest bathing", outdoor yoga, hiking, biking, and many more. For each hour of credit, 45 hours of field experience in nature is required. All credit options are expected to attend the weekend retreat. A course fee to cover the retreat will be assessed at registration. Offered fall term each year. One to three semester hours.

COUN 645. Child and Adolescent Counseling – A survey of psychotherapeutic approaches and techniques for child and adolescent problems. This survey is conducted within a strong developmental framework. Emphasizes empirically supported psychotherapeutic programs for specific disorder presentations and conceptual skills necessary for effectively intervening with children, adolescents, and their parents. Prerequisites: COUN 520, 530. Offered fall term each year. Three semester hours.

COUN 648. Evidence-Based Counseling Techniques – A study of counseling techniques that have been supported by systematic empirical research. Concentration is placed on applying specific empirically-supported interventions to specific problems. Prerequisites: COUN 510, 520, 530. Offered summer term each year. Three semester hours.

COUN 650. Counseling for Grief and Loss - An examination of experiences of loss and the process of grieving in order to learn how the normal grieving process occurs, and how counselors can address with sensitivity the needs of individuals who experience loss and those who are survivors of loss. Includes a focus on the types of loss that occur, developmental issues, hospice and other settings for palliative care, issues of unexpected death resulting from acute illness or traumatic injury, as well as insidious illnesses, and support for other caregivers and self. Prerequisites: COUN 520, 530. Offered intermittently. Three semester hours.

COUN 660/660M. Creative and Expressive Arts in Counseling - This experiential course introduces counseling students to the use of expressive arts and play media in counseling with children, adolescents, and adults. The course incorporates a variety of creative, expressive, visual, and performing arts media. Additionally, through the experiential nature of this course, students engage in each creative and expressive arts activity to understand the potential for using these approaches in counseling practice. Prerequisite: COUN 520. Offered intermittently. Three semester hours.

COUN 670. Christian Perspectives on Counseling – An in-depth consideration of psychological theories and ethics within the context of Christian faith. Focus is given to areas of agreement and disagreement among theories of counseling, theological perspectives, and Christian principles. Ethical and legal issues from both psychology and Christianity are discussed. Prerequisites: COUN 510, 520. Offered summer term each year. Three semester hours.

COUN 680. Research Methods - An examination of the array of research and statistical methods used in the behavioral sciences and helping professions. Concentration is placed on critically evaluating psychological research and understanding its application to counseling. Prerequisites: MATH 213 or PSYC 259 or equivalent. Offered summer term each year. Three semester hours.

COUN 690. Practicum in Counseling – Introductory experience in supervised counseling with clients in selected clinical settings. Students are supervised by the course instructor and a field supervisor and receive feedback from supervisors in order to develop counseling skills. Practicum is arranged with the Clinical Director in the semester prior to beginning the practicum. A minimum of 100 clock hours of supervised experience is required. Liability insurance is required. Prerequisites: COUN 510 or COUN 555, 520, 550, at least 9 hours completed in program, permission of instructor. Offered fall and spring terms. Three semester hours.

COUN 691. School Counseling Internship – Supervised internship in elementary and secondary school settings. The internship needs to be completed over at least 100 days and include a placement at both elementary and secondary school settings. The experience will include a variety of activities that a school counselor is expected to perform, including but not limited to individual counseling, group work, developmental classroom guidance, and parent/community conferences. This will be done under the supervision of a licensed school counselor and will also include consultation with an assigned faculty supervisor. The internship will be a cooperative effort planned by Milligan University, a local school system, and the student. Students must apply for internship at least one full semester in advance. Liability insurance is required. Prerequisites: COUN 690. Offered fall and spring terms. One to six semester hours per semester, with 6 total hours needed to complete the program.

COUN 692. Clinical Mental Health Counseling Internship – Supervised internship experience counseling clients in selected clinical settings. This course is taken after the completion of Practicum (COUN 690-001) and typically begins the third or fourth semester of the student's program. The internship runs concurrently with other courses or may occur after coursework is completed. Students are supervised by the course instructor and a field supervisor and receive feedback from supervisors in order to enhance their counseling skills. Internship is arranged with the Practicum and Internship Experiences Coordinator in the semester prior to beginning the internship. A minimum of 600 clock hours in an approved facility under the supervision of an appropriately trained and licensed mental health professional is required. A minimum of 240 of those hours must be direct contact with clients. Liability insurance is required. Prerequisites: COUN 690. Offered each term. One to six semester hours per semester, with 6 total credit hours needed to complete the program.

COUN 693. Addiction Counseling Internship - Supervised internship experience counseling clients in selected addiction counseling settings. This course is taken after the completion of Practicum (COUN 690-003) and typically begins the third or fourth semester of the student's program. The internship runs concurrently with other courses or may occur after coursework is completed. Students are supervised by the course instructor and a field supervisor and receive feedback from supervisors in order to enhance their counseling skills. Internship is arranged with the Practicum and Internship Experiences Coordinator in the semester prior to beginning the internship. A minimum of 600 clock hours in an approved facility under the supervision of an appropriately trained and licensed mental health professional is required. A minimum of 240 of those hours must be direct contact with clients. Liability insurance is required. Prerequisites: COUN 690. Offered each term. One to six semester hours per semester, with 6 total credit hours needed to complete the program.

ECONOMICS

ECON 514. Managerial Finance - An exploration of the role of the corporate finance function within an organization. The course begins with fundamental concepts and progresses to more specific decision rules designed to maximize the value of a firm. Topics include: capital markets, free cash flows, capital budgeting, cost flow estimation, risk and return, pricing models, valuation, cost of capital, and capital structure. Three semester hours.

ECON 524. Managerial Economics – An exploration of the microeconomic issues affecting the firm. The course emphasizes the application of constrained optimization techniques to common problems faced in the management of the typical business enterprise such as price determination, output level, and the use of alternative productive resources. Three semester hours.

ECON 525. Managerial Economics for Operations – An analysis of the effective integration of design, planning, and production processes. Concentration is placed on practical applications of modeling techniques that include the derivation of demand forecasts, cost parameters, and quality enhancements. Three semester hours.

ECON 526. Total Quality Management –A study of the framework and philosophies of total quality management, process management, and quality control processes in all aspects of an enterprise. The fundamentals of probability and statistics and their application to six sigma, strategic quality management, statistical process control and lean manufacturing are examined. Three semester hours.

EDUCATION

EDUC 511/511M. Research Methods in Education - The role of inquiry in education and an overview of educational research methods and design. Study of problem solving, research methods, research design, and basic data analysis procedures used in experimental, quasi-experimental, descriptive, and qualitative research. Completion of a research prospectus, literature review, research design, and instrumentation for a research project. EDUC 511 offered fall term each year. EDUC 511M offered fall term as needed. Three semester hours.

EDUC 512/512M. Research Seminar - Completion of the research study begun in Education 511. Students discuss types of data, appropriate data analysis procedures, published research, and principles of research interpretation. Prerequisite: EDUC 511, 511M. EDUC 512 offered spring term each year. EDUC 512 offered fall term as needed. Three semester hours.

EDUC 519/519M. Assessment for Early Ch/Elementary Educators - A comprehensive study of assessment practices in preschool and K-5 elementary settings. Emphasis will be placed on selecting appropriate assessments to measure student learning and interpretation of assessment results. Candidates will learn about a variety of assessments specifically designed for preschool and elementary students. Both standardized and informal assessments and their role in measuring student performance will be covered. Enrollment limited to students admitted to the professional level of the teacher education program. EDUC 519 or 519M offered fall term each year. Three semester hours

EDUC 520. Secondary Curriculum and Methods I - Study of strategies for designing and implementing curriculum in the secondary school including assessment, unit and lesson planning, and styles of instruction. Material is developed into strategies for classroom practice. Offered spring and summer term each year. Three semester hours.

EDUC 521. Secondary Curriculum and Methods II (Content Areas) - A study of current curriculum and teaching strategies used in specific teaching disciplines. Continuation of EDUC 520 with assistance from content area specialists. Offered spring and summer term each year. Three semester hours.

EDUC 523/523M. Models of Teaching - A study of a variety of approaches to teaching designed to give teachers a broad repertoire of teaching skills that will enable students to become more effective learners and bring about particular kinds of learning. Also included is an examination of the new technologies available in education to meet the diverse needs of learners. EDUC 523 or 523M offered summer term each year. Three semester hours.

EDUC 527/527M. Disciplinary Literacy - In this course, students attain disciplinary literacy knowledge, including building background knowledge, deconstructing complex discipline-specific text structures, posing discipline-specific questions, and providing evidence to support and evaluate claims. During the clinical experience, students begin the experience by observing quality instruction and reflecting on disciplinary literacy strategies that are observed. Later in the experience, students move from observing lessons to creating lessons through lesson and unit planning assignments. Students learn and demonstrate knowledge of the following discipline-specific literacy components: Prior knowledge; academic language; instructional strategies involving reading, viewing, listening, speaking, and writing to provide students with opportunities to acquire, comprehend, and communicate discipline-specific information; vocabulary; questioning; culminating daily tasks. Research on topics related to disciplinary literacy is also required. Offered Spring, Summer.

EDUC 530/530M. Education of Exceptional Students - A study of the applications of educational theories and research related to the instruction of students with special needs. Topics include student characteristics, motivation, instruction, evaluation, and procedures for special education referrals. EDUC 530 or 530M offered spring and summer terms each year. Three semester hours.

EDUC 538M. Teaching English Language Learners - A study of the characteristics of children who are English Language Learners (ELL), of the assessment of their literacy skills, and of literacy intervention strategies based on a review of the literature pertaining to ELL instruction. Relevant topics include: establishing a classroom environment that is positive and welcoming for the English language learner; establishing routines; communicating with ELL students; using simple sign language; using whole group strategies; guiding written expression; establishing a buddy system and peer tutoring; organizing volunteer programs. The course provides support to a "reflective and caring" teacher of English language learners. Offered as needed. Three semester hours.

EDUC 540. Health and Physical Education Methods - Reading and discussion of fitness and health concerns of children. The course includes instruction and practice related to physical activity and rhythmical activities. Emphasis is on integration of health and physical education topics and activities into the curriculum. Offered spring term each year. Two semester hours.

EDUC 541. Engaging Learners in Content Instruction - An exploration of the broad range of needs exhibited by learners in the typical

elementary classroom including learning styles, cultural influences, modalities, and brain development. It focuses on the use of research-based practices for differentiating instruction to support student success in the content areas and for building a culturally responsive classroom community. The course provides participants with a framework for using technology, web-based materials, and the arts as tools for engaging all learners Field work included. Offered spring term each year. Two semester hours.

EDUC 544. Advanced Children's Literature - An in-depth study of children's literature, infancy through adolescence. Emphasis is on criteria for planning, presenting, and evaluating a quality literature program to provide rich literary experiences, grades Pre-Kindergarten - grade 8. Candidates compare and contrast literary contributions from all genres of literature and literature which represents diverse cultures and people. Offered spring or summer term each year. Three semester hours.

EDUC 546. STAR – Seminar in Teaching, Assessment, and Reflection – A pre-clinical seminar designed to encourage in-depth planning, reflection, and assessment. This experience seeks to embed evidence-based instructional strategies, supports for academic language, differentiation, and provision of feedback into instructional and assessment activities. This course is taken the semester prior to Student Teaching and Internship II to prepare students for the required edTPA Exam. Offered every term. One semester hour.

EDUC 551. Internship I - A full-day, full-semester, school-based professional growth experience. In addition to a specific teaching assignment, the student may have observations of various school situations, emphasizing diversity, exceptionality, and rural and urban settings. Some experiences to develop psychological readiness for the profession are included. Concurrent enrollment in EDUC 560 Advanced Capstone Seminar required. Offered fall term each year. Five semester hours.

EDUC 552. Internship II - A full-day, full-semester, school-based professional growth experience. A continuation of the internship involving greater responsibility in the teaching assignment. Concurrent enrollment in EDUC 560 Advanced Capstone Seminar required. Offered spring term each year. Six semester hours.

EDUC 553. Teaching Practicum - A supervised practicum in lesson planning, instruction, and assessment for grades PreK-12. Designed for post-baccalaureate students seeking an additional endorsement or license. Offered on demand. Three, six, twelve semester hours.

EDUC 553 ELL. Teaching Practicum: English Language Learners - A supervised practicum in lesson planning, instruction, and assessment with K-12 English as a Second Language (ESL) students. The experience provides opportunities for candidates to work with ESL students in public schools with supervision and support. Experiences may include intervention instruction and planning, consultation with teachers, working with families from diverse linguistic backgrounds, and assessment of ESL students. Prerequisite: EDUC 438 or 538. Offered as needed. Three semester hours.

EDUC 553SE. Practicum: Special Education - A supervised practicum in lesson planning, instruction, behavioral support, and assessment for students pursuing the K-8 Interventionist or 6-12 Interventionist endorsement. The experience provides opportunities for candidates to work with special education students in public schools with supervision and support. Experiences may include intervention instruction and planning, consultation with teachers, working with families, participating in Individualized Education Plan (IEP) meetings, and assessment of special education students. Offered as needed. Three semester hours.

EDUC 555. Integrated Literacy I - A study of how language with all its components develops and provides the foundation for literacy learning. Emphasis is given to evidence-based, authentic literacy opportunities to promote reading, writing, listening, thinking, and speaking. The focus is on learning to use current methods and balanced strategies for designing instruction that includes all areas of literacy. Research of evidence-based literacy practices is required. Extensive field experience included. Three semester hours.

EDUC 560A/B. Advanced Capstone Seminar - A capstone seminar designed to promote reflection, in-depth discussion, and collaborative action research. Designed to integrate all elements of the program and document program outcomes in the candidate portfolio. Also includes topical presentations by Milligan and partner school faculty. Enrollment limited to students enrolled concurrently in EDUC 551 and 552 Internship. Will be repeated once for credit. Offered fall and spring terms each year. One semester hour.

EDUC 562. Seminar in Secondary Foundations - A survey of the historical, philosophical, legal, and social foundations of secondary school education in the United States. Offered fall and summer term. Three semester hours.

EDUC 564. Special Education Foundations - A study of the historical, philosophical, and theoretical foundations of special education. Laws and policies and the effects of legislation pertaining to students with disabilities will be examined. An emphasis will also be placed on ethical responsibilities related to students with disabilities. A focus will also include major trends and issues in special education and a research project. Offered spring term each year. Three semester hours.

EDUC 565/565M. Technology in Education - A study of applications of technology to instruction of children in PreK-12 schools and to the maintenance of records and resources. Includes multimedia, computer-based educational games, access to learning resources via the Internet, and web page design. An elective in secondary and licensed teacher programs. Offered occasionally. Three semester hours.

EDUC 571. Early Childhood and Elementary Foundations - A study of historical, philosophical, and theoretical foundations of early childhood and elementary education with an introduction to curriculum planning and an emphasis on major trends and issues in early childhood and elementary education. Includes guidance and classroom management. Offered fall and summer terms. Three semester hours.

EDUC 572/572M. Advanced Child Guidance - A study of skills and techniques for handling behavioral and disciplinary issues of young children. Candidates create and design creative experiences and activities for children in the setting of their internship. Emphasis is on providing a developmentally appropriate environment that fosters social/emotional development. EDUC 572 or 572M offered fall term. Three semester hours.

EDUC 573. Advanced Child Development and Learning - An interdisciplinary study of the physical, cognitive, social, and personality development of the child from birth through adolescence. Major theories of learning including the constructivist model are covered. Implications of child development for classroom teaching are addressed. Three semester hours. Offered summer term each year.

EDUC 576A. Elementary Curriculum and Methods This course is designed to prepare the K-5 candidate with a specific focus on the educational needs of students in the cognitive realms of scientific, social, mathematical, and language learning. The focus is on instruction, lesson planning and implementing learning environments relating to the Tennessee Educator Acceleration Model (TEAM). Candidates learn how to transform standards into learning objectives and assess learning through formative and summative assessments. Candidates must plan an upper elementary unit related to students' interests, diverse needs, and state standards. Emphasis is given to the integration of content areas, especially social studies and the Common Core English/Language Arts (ELA) standards. Includes a review of relevant educational research. Offered summer and fall term. Clinical experience in an upper elementary classroom included in fall term. Three semester hours.

EDUC 577. Integrated Literacy II – A study of methods, materials, and assessment related to literacy instruction. An emphasis on using assessment

information for guided reading and writing as well as small group intervention to build literacy skills is provided. The focus is on learning how to integrate skills-based instruction with authentic literacy experiences. Research on best practices in literacy assessment and intervention is required. Extensive field experience included. Three semester hours. Prerequisite: EDUC 555.

EDUC 580. Behavior Support for Students with Disabilities – A study of behavioral supports for students with emotional and behavioral differences in the school setting. A focus will be placed on the range of characteristics, co-occurring conditions, performance issues in the core academic content, and effects of emotional factors on learning among students with emotional and behavioral differences. Candidates will learn to conduct functional behavior assessments, assess social behaviors, and prepare functional behavior assessment reports. An emphasis will be placed on non-aversive techniques, prevention and intervention strategies, strategies to teach alternative behaviors, and the creation of behavior support plans. Students will also complete a research project on evidence-based behavior supports for students with disabilities. Field experience required. Offered fall term each year. Three semester hours.

EDUC 583. Methods of Instruction in Special Education – Neurobiological and medical factors of students with learning and behavioral disabilities, characteristics influencing reading, writing, and math performance, and education procedures and materials for teaching students with learning and behavioral disabilities will be covered. Students will learn and apply evidence-based strategies including grouping arrangements, high-leverage practices, and supports for literacy, math, and writing. Accommodations and modification of instructional materials will also be emphasized. Students will also gain knowledge about procedures used to identify children who may be at risk for learning or behavioral disabilities and will choose and administer assessment instruments appropriate to these populations. A research project will be required. Field experience required. Offered spring each term. Three semester hours.

EDUC 586. Parent and Stakeholder Collaboration – A study of collaboration methods with parents, teachers, and other stakeholders. An emphasis will be placed on co-planning and co-teaching methods used to strengthen classroom instruction for students with disabilities. Effective planning and participation in multi-disciplinary school teams will be reviewed. A focus will also be placed on communication learning and behavior management strategies with families. Students will also learn about the services, networks, and organizations that provide support across the lifespan for individuals with disabilities. A research project involving best practices in collaboration will be required. Field experience required. Offered fall term each year. Three semester hours.

EDUC 590. Directed Study - Research related to a specific educational problem under the direct supervision of an instructor. Offered as needed. One to six semester hours.

EDUC 595/595M. Contemporary Issues - A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. An elective in licensed teacher programs. Offered occasionally. One to three semester hours.

EDUC 621/621M. Assessment and Evaluation - A focus on the strategies for the assessment and evaluation of secondary student and teacher performance, including construction of teacher-made tests and alternate approaches. Candidates also learn how to read and interpret standardized test scores for student diagnosis and individualization of instruction. EDUC 621 offered fall term each year. EDUC 621M offered as needed.Three semester hours.

EDUC 622/622M. Classroom Management - A study of positive child guidance and effective classroom management strategies. Emphasis is on creating safe, caring classrooms through organizing and managing effectively. Topics include psychosocial, physical, instructional, organizational, procedural, and behavior dimensions of classroom management. Offered occasionally. Three semester hours.

EDUC 623M. Research-Based Teaching Strategies - A study of the types of instructional strategies that effectively improve student achievement. Topics may include identifying similarities and differences, summarizing and note taking, reinforcing effort and providing recognition, homework and practice, representing knowledge, learning groups, setting objectives and providing feedback, generating and testing hypotheses, and cues, questions and advance organizers. Classroom implementation of the strategies will be included in the discussion. Prerequisite Advanced Candidate standing or permission of instructor. Offered as needed. Three semester hours.

EDUC 626. Mentorship - A study of the mentoring process. Areas of study include classroom and school environments that effectively nurture mentors and protégées; the recruitment, selection, and training of mentors; matching mentors and protégées; and evaluating the results of mentoring. Offered occasionally. Prerequisite: Advanced Candidate standing or permission of instructor. Three semester hours.

EDUC 631/631M. Cultural Diversity and Education – An in-depth study of the ways in which ethnicity and race, age, gender, language, social class, geography, religion and other cultural factors influence teaching and student achievement. Guidelines for culturally responsive curriculum and teaching. Offered occasionally. Three semester hours.

EDUC 641/641M. Advanced Parent Education and Involvement – A review of the research on the relationship between family involvement and school achievement; the reasons for developing school, family, and community partnerships; roles and options for parents and families who want to be involved in schools; methods for determining parents' needs and interests; selecting and implementing different types of parent involvement; and the effectiveness of current national and school-level parent education and involvement programs. Offered as needed. Three semester hours.

EDUC 662/662M. School Organization and Law - A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Offered occasionally. Three semester hours.

EDUC 670M. Professional Teacher Standards - A course preparing teachers to meet professional standards established by the National Board of Professional Teaching Standards, paralleling the documentation process required for National Board Certification. This course reviews the five areas required for National Board Certification: 1) Teachers are committed to students and their learning; 2) Teachers know the subjects they teach and how to teach those subjects to students; 3) Teachers are responsible for managing and monitoring student learning; 4) Teachers think systematically about their practice and learn from experience; and 5) Teachers are members of learning communities. Students are coached through an extensive series of performance-based assessments. A portfolio is required for this course. Prerequisite: Advanced Candidate standing or permission of instructor. Offered occasionally. Three semester hours.

EDUC 710 through EDUC 792 will be offered on a rotating basis; offerings may vary among summer, fall, and terms.

EDUC 710. Educational Statistics - This course provides an overview of educational statistics related to educational research. Students will gain knowledge of commonly used descriptive and inferential statistical measures relating to education. The course will also provide applied practice in analyzing data using statistical software programs. Three semester hours.

EDUC 711/711M. Quantitative Research - The role of inquiry in education and an overview of educational research methods and design.

Study of problem solving, research methods, research design, and basic data analysis procedures used in experimental, quasi-experimental, descriptive, and qualitative research. Three semester hours.

EDUC 712/712M. Using Qualitative Methods to Evaluate Program Development – Using qualitative methods and reflection to evaluate educational program development and personal growth. Topics include problem definition, data collection and analysis, self-reflection and increasing the trustworthiness of one's findings. Students will be expected to both understand quantitative findings in research articles and apply qualitative methods to their own research questions. An evaluation plan is required. Three semester hours.

EDUC 716. Literacy for Instructional Leaders - This course provides an overview of effective literacy practices for instructional leaders. Topics covered in the course include evaluating instructional environments for effective literacy practices; aligning curriculum, instructional, and assessment for literacy instruction; culturally responsive practices in literacy instruction; using data for to make programmatic changes; effective literacy professional development; management of physical and human capital resources to leverage high quality literacy instruction. Three-credit hours. Offered each summer.

EDUC 719. Assessment for Early Childhood/Elementary Educators – A comprehensive study of early childhood and assessment practices for instructional leaders. Emphasis will be placed on analyzing student data for program planning, how to coach teachers in best practices in assessment, and how to engage teacher teams in data analysis to inform instruction. Three semester hours.

E**DUC 721/721M. Ethical and Instructional Evaluation Practices** - Evaluating instruction based on the TEAM model. Participants will practice using the TEAM model to evaluate simulated and actual classroom instruction. In addition, participants will explore specific requirements for areas such as RTI and reading instruction. Three semester hours.

EDUC 723 Research Based Teaching Strategies – A study designed for instructional leaders on instructional strategies that effectively improve student achievement. Topics may include evidence based-practices for instruction, intervention, discipline, and special populations. Candidates will gain exposure to evidence-based research on best practices in promoting student achievement and will also conduct their own research review on a selected topic. Emphasis will be placed on school-wide and district-level initiatives. Three semester hours.

EDUC 726/726M. Mentoring & Professional Development-A study of professional development and the mentoring process. Areas of study include classroom and school environments that effectively nurture mentors and protégées; the recruitment, selection and training of mentors; matching mentors and protégées; and evaluating the results of mentoring. Participants will identify areas of professional development and create professional development for a specific group of teachers. Three semester hours.

EDUC 727. Content Area Reading – A study of the role of the instructional leader in promoting school and district-wide literacy procedure designed to assist students in grades 4-12 in becoming adept readers. The primary focus is on evidence-based practices and professional development for literacy in the content areas. Literacy development for students with varying level of language abilities is also included. Three semester hours.

EDUC 728/728M. Education of Exceptional Students – A study of best practices and research related to the instruction of children with disabilities for instructional leaders. Topics include how to provide school- and district-wide programming for students with disabilities including instruction, evaluation, intervention, and procedures for special education. Emphasis is also placed on the instructional leader's role in compliance with special education law. Three semester hours.

EDUC 730. Management and Leadership - This course examines current issues in leadership and appropriate strategies for implementing planned change. The course integrates materials from both micro and macro approaches to leadership and looks at the differences between managers and leaders, the leader-member exchange process, the leader's role in setting the strategic direction of an organization, and the ethical, moral and professional issues of leadership with concentration on developing a biblical foundation of leadership. Three semester hours.

EDUC 731/731M. Cultural Diversity and Education – An in-depth study for instructional leaders of the ways in which ethnicity and race, age, gender, language, social class, geography, religion, and other cultural factors influence student performance. Emphasis on creating culturally responsive environments and pedagogy at the school and district levels will be provided. Three semester hours.

EDUC 732/732M. Leading Organization Change - An examination of the forces that drive organizations to change and the role of innovation and creativity in change efforts. Literature and best practices related to the emerging roles of the leader as an agent of change are examined. Also examined are forces for change, diagnosis for change, visioning, resistance to change, and consolidating change. Three semester hours.

EDUC 735/735M. Managing Human Resources - An in-depth study of human resource management and a strategic overview of the essential knowledge required to manage a school's human resources effectively including both interpersonal and quantitative skills. It explores human resources within various structures and with different job, skill, and behavioral requirements. Concentration is given to the ethical behavior by principals as they enforce standards throughout the organization and the strategic integration of human resource functions within the context of a school's task environment. Three semester hours.

EDUC 737. School Finance - A course covering the organizational development of financial and nonfinancial budgets, interaction among performance measurement systems and human behavior, and advanced topics in uses of information for decision-making related to schools. Foundations and ethics of supervision. Three semester hours.

EDUC 738/738M. Teaching for English Language Learners - A study of the characteristics of English language learners for instructional leaders. Topics include how to provide school and district level supports for language acquisition, assessment practices, and intervention strategies. Emphasis is also placed on culturally responsive practices when working with children and parents from diverse backgrounds. Three semester hours.

EDUC 741/741M. Advanced Parent Education and Involvement – An in-depth study of the role of instructional leaders in cultivating community and family involvement at the school and district levels. The course includes a review of research on the relationship between family involvement and school achievement; the reasons for developing school, family, and community partnerships; methods for determining parents' needs and interests; selecting and implementing different types of parent involvement; and the effectiveness of current national and school level parent education and involvement programs. An emphasis on how to create plans to increase parent and community involvement is also included. Three semester hours.

EDUC 750. Data Analysis and School Improvement - This course provides an overview of how to use school data to plan for programmatic change. Students will gain knowledge of how to locate, organize, and analyze school data. Students will then learn how to examine data and identify areas for change. One of the learning outcomes for this course will involve how to locate and apply evidence-based interventions or learning supports. Successful completion of the course will include analyzing data pertaining to a school or school district and identifying areas for change or improvement. Three semester hours.

EDUC 762/762M. School Organization and Law – A study designed for instructional leaders on local, state, and federal laws pertaining to schools and districts. Opportunities for examining how laws impact

leadership decision-making at both the school and district level are provided. Emphasis is also placed on laws pertaining to special populations. Three semester hours.

EDUC 765/765M. Technology Leadership - A study of applications of technology to instruction for children in PK-12 schools and to the maintenance of records and resources. Three semester hours.

EDUC 770A, 770B, 770C. Professional Seminar – Integrates leadership competencies, professional practices, and reflective discussions with real-world applications connected to the Tennessee Instructional Leadership Standards (TILS). Significant clinical experience is required as part of the course. Throughout the clinical experience, the candidate will be expected to complete relevant assignments related to each term's coursework as well as engage in authentic experiences under the guidance of an experienced public-school administrator and Milligan supervisor. Candidates will meet monthly in a professional seminar designed to enhance their experience. Candidates will use the practicum experience to engage in real-world practices of instructional leaders. One semester hour.

EDUC 777. Integrated Literacy for Elementary Students – A study of integrated literacy practices for elementary students for instructional leaders. Topics will include strategies for school- and district-wide planning for literacy instruction, how to provide professional development for teachers, analysis of school- and district-level assessment data, and how to engage in program planning for school and district-wide growth based on assessment data. Three semester hours.

EDUC 780. Dissertation - This course is designed for completion of the doctoral dissertation. Registration for the course is contingent on approval from the student's dissertation committee. Six to twelve credit hours per semester.

EDUC 781. **Special Topics in Education -** This course is designed for students who have completed twelve credit hours of EDUC 780 but who have not yet completed the dissertation project. Students will continue to work with their dissertation committee toward completion of the dissertation project as part of this course. Three credit hours per semester.

EDUC 792. Grant Writing – An overview of the grant writing process for instructional leaders. Topics include an overview of the grant writing process, including how to identify and research grant opportunities, how to tailor written proposals to the specific funding organization, creating a grant budget, collecting data, and writing grant follow-up reports. Three semester hours.

EXERCISE SCIENCE

EXSC 508. Strength and Conditioning – A consideration of training program design based on principles of strength and conditioning. Students will evaluate the physiological adaptations and responses that result from implementing different types of training; includes concepts of strength, power, speed, and cardiorespiratory training. Offered occasionally. Three semester hours.

EXSC 509. Advanced Injury Prevention – Recognition and management of a variety of injuries common to sport participation. Particular emphasis will be on concepts of safe training practices for athletes including best practices related to conditioning, nutrition, rest, and recovery in the training macrocycle. Offered occasionally. Three semester hours.

EXSC 520. Coaching Foundations – Students will develop their knowledge of effective coaching methods, models, and practices to enhance their own professional growth in the area of sport leadership. Theories of coaching and leadership will be explored for application by the student as a sport professional. Offered each year. Three semester hours.

EXSC 522. Integration of Faith and Sport – Examination of the ways in which faith and sport can be integrated. Principles from the sociology of sport, historic examples of Christians within the world of sport, and precepts from Scripture will help students construct a biblically based theology for the integration of faith and sport. Athletic administration and coaching as ministry will be reviewed. Sport Ministry organizations, methods of gospel communication through sport platforms, and international sports trips will be examined. Offered spring term each year. Three semester hours.

EXSC 525. Athletic Media and Communication – An overview of the history and theories of sport communication as well as an understanding of the application of communication strategies for public relations, advertising, crisis management, and media interview fundamentals. [EXSC 325 taught simultaneously] Offered occasionally. Three semester hours.

EXSC 560. Psychology of Coaching and Sport Leadership – Examination of the psychological factors that influence the athletic environment. Using psychological skills for performance enhancement will be reviewed. Psychological principles of leadership will be reviewed and applied to a contemporary understanding of the coach or athletic administrator in the development of their team whether that team is comprised of athletes or of coaches. Offered fall term each year. Three semester hours.

EXSC 582. Athletic and Sport Promotion – Review of the principles and techniques employed when promoting and marketing sports. Focus will include marketing strategies in relation to consumer behavior, aspects of public relations, and effects of advertising, branding, and sponsorships for multiple levels of the sport industry. [EXSC 382 taught simultaneously] Offered each year. Three semester hours.

EXSC 583. Sport Finance and Economics – A focus on budgeting, analysis, and management of finances in athletics. The focus will be on organizational decision making driven by an understanding of theories of athletic finance and financial management strategies. [EXSC 383 taught simultaneously] Offered each year. Three semester hours.

EXSC 584. Sport Event and Facility Management – Understanding of the techniques and theories that govern sport facility management and design. Students will understand the process of planning for a variety of athletic events including competitions, tournaments, alumni activities, and community engagement events. Students will engage in an understanding of facilities management, staffing, scheduling, promotion, and production of athletic events. [EXSC 384 taught simultaneously] Offered occasionally. Three semester hours.

EXSC 586. Sport Law and Sport Ethics – A synthesis of the ethical issues encountered in sport and the legal principles that govern athletic environments. Students consider and evaluate contemporary issues in sport from both a legal and ethical perspective. [EXSC 386 taught simultaneously] Offered odd-numbered fall term. Three semester hours.

EXSC 591. Internship – On-campus placement with a Milligan sport team (for the coaching track) or a placement with the Milligan Athletic Department or approved outside organization for completion of a special project (for the athletic administration track). Students may count no more than 6 hours of internship towards fulfillment of graduation requirements and may sign up for no more than 3 hours of internship in a given semester. Coaching internship hours during the summer term are only allowed with pre-approval by the MACAA director and by the head coach of the sport. Students are required to log a minimum of 180 hours (60 hours per credit) for each internship experience. Students who desire to complete coaching internship hours with a team outside of Milligan University should seek prior approval from the director of the program prior to the term during which internship will be taken for credit. Offered as needed. Three semester hours.

EXSC 601. Research Methods in Sport and Athletic Administration – A working knowledge of research methodologies pertinent to the fields of sport and athletics including quantitative and qualitative approaches. Formulation of a research proposal including a literature review and

appropriate research design to address a relevant research question in sport or leadership. Use of fundamental statistical procedures for analyzing data. Offered spring each year. Three semester hours.

EXSC 605. Acquiring and Developing Skill – Examination of motor control and the relationship to motor learning in the production of skilled motor performance. Particular emphasis will be placed on motor performances relevant to the student's areas of interest and expertise. [EXSC 405 taught simultaneously] Offered odd-numbered fall term. Three semester hours.

EXSC 610. Athletic Recruiting Practices – A consideration of the art and practices of recruiting players to a sports program. Students will consider concepts of identifying prospects, evaluating prospects for team and institutional fit, and allocating resources toward the process of finalizing recruits. Offered occasionally. Three semester hours.

EXSC 615. Athletic Administration – An application of principles of management and leadership to the sport environment. Students will gain an understanding of the leadership role athletic administration plays in the overall organizational structure of a university or organization including a broad overview of communication within an organization, student-athlete development, marketing and fundraising, and other contemporary topics in athletic administration. Offered occasionally. Three semester hours.

EXSC 620. Social Context of Sport and Athletics – An evaluation of contemporary sociological issues in sport and athletics. Students will examine the role of sport in society including historical and current figures that inform the sociological context of sport. Offered each year. Three semester hours.

EXSC 633. Advanced Sport Nutrition – Integration and application of nutritional principles in relation to athletic populations. A focus on nutritional needs for those engaged in training and competitions. Healthy practices and evidence-based strategies will be considered and discussed. [EXSC 433 taught simultaneously] Offered occasionally spring term. Three semester hours.

EXSC 660. Capstone – An opportunity to demonstrate one's understanding of the coaching or athletic administration profession. Student attainment of professional industry standards will be chronicled in a professional portfolio. The capstone may be taken only in the final semester of the program. Offered spring term. Three semester hours.

EXSC 694. Thesis – Students considering further graduate work should consider replacing the capstone requirement with a thesis. Six hours of thesis work are required for this option. The first 3-hour thesis segment will focus on generation of a research proposal (or scholarly paper as approved by the program director). The second 3-hour thesis segment will include data collection (as appropriate) and finalization of the thesis results and approval by graduate faculty. Offered as needed. Three semester hours.

HUMANITIES

HUMN 500. Interdisciplinary Studies in the Humanities - This course will survey a variety of methodologies within humanities disciplines. Students will also engage in guided applications of the methodologies in question. This course provides necessary foundation for the coursework as well as the capstones required for success in the Master of Arts in Humanities program. Required. Offered fall term each year. Three semester hours.

HUMN 501. Readings in the Humanities - Hybrid, interdisciplinary readings course. This course introduces students to program concentrations through various readings and speakers. The course centers on similar questions as the undergraduate core, such as shared humanity and *imago dei*. Meets *at least* three times on campus throughout the semester, as well as through online discussion forums. Student must be simultaneously enrolled in HUMN 500 or have completed that course prior to enrollment. Required. Offered fall term each year. Three semester hours.

HUMN 503. Pedagogy in the Humanities - For students awarded a teaching assistantship in the Master of Arts of Humanities program, this course focuses on strong interdisciplinary pedagogy through lesson planning and review each week. Students will meet individually with one or more professors in the discipline. Students are only eligible to apply for an assistantship with the director of the MAH after completing 18 hours of graduate work in the Humanities and must be approved by the Area Chair of the Humanities. Offered as needed. 1 semester hour.

HUMN 504. Haunted America - A study of America's haunted fiction, from Edgard Allan Poe and Nathaniel Hawthorne ot Shirley Jackson and Stephen King. Offered fall term even years. Three semester hours.

HUMN 505. Human Rights and Institutions - This seminar aims to provide students with a broad knowledge of human rights issues within the international sphere. Additionally, protections for human rights in the form of states, international law, and governmental and non-governmental institutions will be examined. The main goal of this course is to give students interested in human rights the tools necessary to not only understand the intellectual discourse and dilemmas of human rights, but also to take effective action to help further the protection of human dignity. Three semester hours.

HUMN 511. Staging the Body - A study of significant works of poetry and drama in the twentieth and twenty-first centuries, including American, English, and post-colonial writers. Offered spring term even years. Three semester hours.

HUMN 514. British Fiction of the 20th Century – A study of major British writers in the Twentieth Century, such as A.S. Byatt, Joseph Conrad, E. M. Forester, Graham Greene, James Joyce, D.H. Lawrence, Katherine Mansfield, Iris Murdoch, and Virginia Woolf. Offered spring term odd years. Three semester hours.

HUMN 515. Survey of American Christianity – Studies in broadening denominational landscape and the dynamics or cultural transformation and accommodation; Christian activism during and after the Civil War era; the growth of African American Christian traditions; modernism and fundamentalism; the rise and decline of the "Protestant Establishment" in America; contemporary evangelicalism; and church/state tensions. Three semester hours.

HUMN 516. The Press in Society – A study of the history and development of news and news media and their role and impact in modern societies. The course will examine cultural, religious, political, technological, and economic interactions between "the press" and the societies in which they operate, paying particular attention to the United States. Offered spring term odd years. Three semester hours.

HUMN 517. History of Global Christianity – An introduction of students to contemporary Christianity in the Global South (Africa, Asia, and Latin America). The course will highlight the specific processes through which Christianity has been communicated, received, and reinvented through cross-cultural contacts. The principal aim is to help students understand: 1) Modern missionary efforts and how Christianity shifted from the western to the non-western world; 2) The moral ambiguities of western missionary efforts and their relationship with colonial enterprise; 3) The manner in which missionaries communicated and how their message was received and interpreted by their hosts; 4) The role of local agents in promoting indigenous forms of Christianity; 5) The rise of Global Pentecostalism and the role of Christian non-governmental otganizations in development. The variety of analytical perspectives used in the course should help student have a better historical understanding of Christianity in the contemporary world. Three semester hours.

HUMN 518. Environmental Humanities - This course will involve a series of readings and discussions that reflect on the relationship between

nature and culture. Students will read classic (Leopold, Muir, Carson), theological (T. Berry, Fretheim, McFague), and contemporary (Kingsolver, Pollan, Cronon) literary and philosophical texts and works of art that explore environment and culture. The course will explore the fertile space between academic and popular discourses on environment and ecology. Offered alternating spring semesters in odd-numbered years. Three semester hours.

HUMN 519. Ecology, Justice, and the Sacred - In this course students will examine the literature of religious responses to the ecological crisis and study contemporary theological/religious themes (ecofeminist and ecotheology; multi-faith collaboration; global ethics, postmodern approaches to natural theology) in relation to the development of ecological theology, ethics, and spirituality. Offered alternating odd-numbered spring semesters. Three semester hours.

HUMN 520. Cultural Studies - A seminar that concentrates on the foundations of Cultural Studies. Students in this course will be introduced to major concepts in the field and then practice applying these concepts. The course will explore how cultures are constructed and contested through a variety of high, low, and middlebrow artifacts (bestselling novels, independent films, social media, and others). Graduate students will be expected to read additional materials before each class meeting; in addition, graduate students will be expected to submit a more substantial final essay. Offered fall term alternating even-numbered years. Three semester hours.

HUMN 521. Ethics - An in-depth exploration of the character of ethical reflection through the study of important philosophical texts and traditions of moral reflection, as well as through contemporary literature and film. Offered fall term odd years. Three semester hours.

HUMN 522. Models of Community - This course will involve a series of readings and discussions centered on expressions of community. Students will read literary and philosophical texts, view films, and analyze works of art that depict community in a variety of forms. Of special interest will be the extreme poles of Utopian and Dystopian visions, with conversation tending toward what makes for healthy and fruitful community. Offered alternating even-numbered spring semesters. Three semester hours.

HUMN 523. Life in the Flesh - A seminar focusing on the theological, artistic, and ethical ramifications of bodily existence. Students will explore biblical doctrines of creation, incarnation, and resurrection, as well as engaging literary and artistic expressions of the value of fleshly life, and discussing contemporary ethical issues related to the body. Offered alternating even-numbered spring semesters. Three semester hours.

HUMN 533. Masters of Fact: A Survey of Creative Nonfiction – A study of various genres of literature that are fact-based and grounded in real-world experience, but written in inventive or literary forms, including memoir, personal essays, and literary or narrative journalism. This course explores creative nonfiction by reading early prototypes and then concentrating on significant works from the 20th and early 21st centuries. Students will engage in extensive readings, class discussions, and research. Offered spring even years. Three semester hours.

HUMN 545. History of Modern Theology – An investigation into how the Protestant and Roman Catholic theology unfolded in Europe and North America in the wake of the Enlightenment. This investigation begins in the late eighteenth century and terminates with theological trajectories that appeared in the middle of the twentieth century. Although due attention will be paid to the socio-political context of theology, the heart of the course is the close reading and interpretation of primary sources. Offered spring term alternate years. Three semester hours.

HUMN 560. Language, Justice, and Creation – A study of the relationship between words and the environment in terms of eco-justice. The course focuses on canonical environmental writers, such as Rachel Carson, and special attention is given to environmental writing of Appalachia. All the texts will be placed in dialogue with current literary theory, including ecocriticism and ecofeminism, current events and Christian scholars in the field. Offered fall semesters even years. Three semester hours.

HUMN 561. From Blake to Brontë: Romanticism and its Legacy - A survey of English literature from the late 18th to mid-19th centuries, featuring the major Romantic poets and their contemporaries. Writers such as William Blake, William Wordsworth, John Keats, Emily Brontë, and Christina Rossetti will be considered in their dynamic and dramatic national, historical, and thematic contexts. Offered spring term odd years. Three semester hours.

HUMN 564. Film Criticism – A survey of the major approaches to film analysis. Students learn to write about film in a wide array of contexts. Films that illustrate concepts discussed in class are screened. Graduate students will read additional materials and complete more intensive writing projects. Offered fall semester odd years. Three credit hours.

HUMN 565. Literature by Women – Within the confines of written work and the context of authorship broadly conceived, how do women writers from a wealth of cultural backgrounds navigate issues of labor, creativity, and identity? Writers such as Jane Austen, Louisa May Alcott, Christina Rossetti, Virginia Woolf, Zora Neale Hurston, Sui Sin Far, Elizabeth Bishop, and Alice Walker are considered within their dynamic cultural and critical contexts. Offered fall semesters even years. Three semester hours.

HUMN 570. The Art of Persuasion – An exploration of the fundamental features of rhetoric, primarily using classical Greek and Roman rhetorical theory. That theory is applied to modern attempts to persuade, including the use of logic, emotion, character, and style. Students will analyze and evaluate speeches and texts. A final project will analyze how rhetorical theory has been useful as a tool in literary analysis.

HUMN 574. From Page to Screen: The Art of Adaptation – This course examines critical concerns surrounding the adaptation of literature into film. Students will study works of literature in conversation with corresponding film adaptations. Offered fall semester even years. Three semester hours.

HUMN 575. Global Studies - A seminar that explores the field of global studies through a lens of the interconnectedness and interdependence of global processes. Students will study the complexity of world societies through an interdisciplinary approach to 21st century problems. Special attention is given to literary, political, ecological economic, social and cultural patterns that mark globalization processes. Offered alternating odd-numbered fall semesters. Three semester hours.

ENGL 580/580M. What is Love? Literature and Relationships - A survey of short stories and works of non-fiction that seek to answer this eternal question. EDUC 380 or 380M offered fall term odd years. Three semester hours.

HUMN 600. Humanities Capstone - A capstone project for the Master of Arts in Humanities. Students may elect to research a Master's thesis or create a professional project and portfolio under the direction of a faculty advisor. The portfolio will showcase the research and outcomes of the professional project. Prerequisites include: HUMN 500, 501, 502, and at least 4 electives before enrolling in the HUMN 600. Students must receive approval from their advisors as well as the Humanities Committee before enrolling. Forms and guidelines are available from the program director or the Humanities Committee. Required. Offered as needed. Credit Pass/Fail.

INFORMATION SYSTEMS

IS 501M. IS Project Management - This course addresses the processes for defining, leading, managing, and controlling projects. Additional topics covered include creation of projects scope statements, estimating project time and cost, risk management, and prevention and intervention strategies for distressed projects. A topical white paper, an annotated

bibliography or a completed project will be expected at the conclusion of this course. Three semester hours.

IS 510. Analytics and Enterprise Models - An introduction to managerial support system and sound business decision making based on the use of analytics. Support systems examined will include SCM, CRM, and ERP. A topical white paper or a completed project will be expected at the conclusion of this course. Three semester hours.

IS 520. Information Systems - This course explores the process of and tools for storing, managing, using and gathering of data and communications in an organization. Specific topics include hardware, software, networks and telecommunications, database systems, business intelligence, and decision-support systems. Three semester hours.

IS 525M. Emerging Technology Integration - An examination of the impact of emerging technologies in organizations and the managerial issues that evolve. Specific topics of discussion are neural networks, deep learning, and Keras. An annotated bibliography will be expected at the conclusion of this course. Three semester hours.

IS 530M. Security and Ethics - This course focuses on a wide discussion range of Christian values in principles and practices of computer system security including operating system security, network security, software security and web security as well as legal and ethical issues in computer security. A topical white paper or a completed paper will be expected at the conclusion of this course. Three semester hours.

IS 535M. IS Infrastructure - A study of network standards, models, and TCP/IP communication protocol. Topics covered: IoT, protocols for timely communications, the global business environment, mobile computing, cloud computing, social networking, and network metrics for efficiency and effectiveness. An annotated bibliography will be expected at the conclusion of this course. Three semester hours.

IS 541M. Analysis, Modeling, and Design - A study of intermediate and advanced concepts for Object-Oriented Analysis, modeling techniques, and design for information systems. Topic covers an overview of the Unified Modeling Language (UML) diagrams, detailed treatments of use case modeling, the use of taxonomic class modeling technique for domain classes, and a method of developing sequence diagrams as well as an overview of database and data modeling. The course emphasizes the practical application of modeling techniques to real-world problems. A topical white paper will be expected at the conclusion of this course. Three semester hours.

OCCUPATIONAL THERAPY

OT 501. Diagnostic Considerations for Occupational Therapy - A review of major pathophysiological and psychosocial conditions including clinical descriptions, etiology, routine diagnostic procedures, progression of the condition, medical management, prognosis and outcomes. From an occupational performance perspective, information is presented in terms of how the condition might affect and influence sensorimotor, cognitive, psychosocial, self-care, productivity, and leisure functioning. A clinical team approach and legal issues of mental health are presented. Offered fall term each year. Four semester hours.

OT 510. Christ and Calling in Health Care - A seminar class designed to help students integrate their faith into health service provision and administration. Issues addressed include exploration of Christ as a healer, exploration of self and one's calling, scientific study of the impact of religion on health care, appropriate avenues of ministry in health care, and how to surmount obstacles to compassion in American health care culture. Offered fall term each year. One semester hour.

OT 530A-D. The Art and Skill of Human Prosection - A course designed to give students experience in the art and skill of human anatomical prosection as well as in the presentation of dissected material and dissection skills required in graduate anatomy courses in occupational therapy or physician assistant studies. Students are required to attend lecture and lab sessions of OT 531 or PAS 511. The course also includes weekly instructor-guided dissection sessions. Prerequisite: Instructor permission. Only lab assistants chosen by the instructor are permitted to enroll in this course. Students may enroll in this course four times. The course does not substitute for anatomy course requirements in the occupational therapy and physician assistant studies programs. Students may take the course for a maximum of 10 credits. Offered Fall and Spring semesters. 1-3 semester hours.

OT 531. Musculoskeletal Anatomy - A regional study of human muscular and skeletal anatomy with particular emphasis on structures with clinical implications for the occupational therapist. Course includes human anatomical donor dissection, demonstration, and lecture. Offered fall term each year. Three semester hours.

OT 532. Functional Neuroanatomy - A study of the human nervous system focusing on development, structure, function, and pathology with clinical implications for the occupational therapist. The course includes the study of human nervous system specimens in a laboratory setting. This course is available to undergraduate students with senior status. Undergraduate prerequisites: senior status, BIOL 250, and consent of the instructor. Offered spring term each year. Three semester hours. This course does not fulfill the science laboratory requirement of the undergraduate GER.

OT 535. Biomechanical Function and Occupational Performance - A study of the principles of human movement including analysis and assessment of biomechanics, joint structure and function, muscle physiology, and musculoskeletal function. Methods to improve quality of movement in occupational performance areas are introduced. Prerequisites: OT 501 and 531 or consent of the instructor. Offered spring term each year. Three semester hours.

OT 560. Occupations and Occupational Therapy – Participation in occupation is the foundation of the OT profession. In this course students will begin to learn the significance of occupation in the history and current practice of occupational therapy. The OT Practice Framework and philosophical basis of the profession will be explored. Other topics covered include service delivery settings, social and cultural influences, ethical considerations, activity analysis, and the therapeutic relationship. Theory, models, and frameworks related to OT practice will be discussed and applied. Principles of evidence-based practice will be explored. Students will start the development of professional writing skills as an integral component of this course. Offered fall term each year. Four semester hours.

OT 580. Research Design and Methods in Occupational Therapy I - An introduction to research design with concentration on occupational therapy literature and skill development in review of research literature, formulation of problem statements, research design, and critical analysis of published research. Research methodology is reviewed with concentration on recognizing and dealing with threats to methodological validity and reliability. Students identify research interests with occupational therapy applications or focus. Offered fall term each year. Three semester hours.

OT 605. Lifespan Occupational Development - The study of typical development and participation in occupations of infants, children, and adults. An emphasis will be placed on observation and interview skills in the context of the environment. Students will examine and analyze clients' participation in occupations and roles with consideration of sociocultural, socioeconomic, and diversity factors. Relevant developmental theories and frames of reference for use in OT practice will be introduced. Offered fall term each year. Three semester hours.

OT 610. Play/Leisure – This course uses the occupational areas of play and leisure to demonstrate the importance of occupation-based interventions in therapy including teaching, training, advocacy, and group work. Students will have a variety of opportunities to analyze, design, and

experience occupations and activities for different practice settings involving individuals, groups, and populations. The role the occupational therapist may play in the education and training of clients, caregivers, professionals, and paraprofessionals will be examined and experienced. Offered spring term each year. Two semester hours.

OT 617. Environmental Modifications, Adaptations, and Assistive Technology - Focus is placed on the environment (e.g., home, work, school, community, institutional) for the purpose of promoting independence and quality of life through assessment, accessibility and modifications of the physical environment through the lifespan. The use of assistive technology and ergonomic principles, to increase safety, functional independence, and occupational engagement will be examined. Identification, assessment, and selection of appropriate outcome measures for the purpose of understanding the relationship between person, environment, and occupation will be addressed. Universal Design principles, mobility, independent living aids, health related computerized resources, and adapted toys will be covered. Applicable policy, regulation, and reimbursement are explored. Prerequisites: OT 501, 531 and 535 or consent of the instructor. Offered fall term each year. Three semester hours.

OT 631. Psychosocial Influences on Occupation – This course includes the study and application of psychosocial components of occupational therapy practice in all areas of practice with a focus on mental health diagnoses and an emphasis on the development of the therapeutic relationship. Students work on designing both individual and group activities that address psychosocial concerns. Psychosocial theories and occupational theories such as PEO and MOHO along with related intervention strategies including group process are addressed through coursework and community service learning experiences. Incorporates Level I Fieldwork experiences. Offered fall term each year. Five semester hours.

OT 632. Occupational Therapy with Children and Youth – This course will address principles of occupational therapy with infants, children, and youth including referral, screening, evaluation, intervention planning, intervention implementation, consultative processes, and discharge planning. It focuses on applying theories, models of practice, and frames of reference. A variety of practice settings and service delivery models with individuals and groups will be examined. Students will explore family and community interactions and inter-professional collaboration. Incorporates Level I Fieldwork experiences. Prerequisite: OT 605. Offered spring term each year. Five semester hours.

OT 643. Adult Orthopedic Rehabilitation - This course will primarily focus on use of the biomechanical model within an occupation-based approach to develop skills for orthopedic rehabilitation of the adult population. Emphasis will be placed on general orthopedic conditions, upper extremity dysfunction, orthotic selection, design and fabrication, and assistive technologies. Content will cover screening, selection and provision of appropriate assessments, and evaluation. The course will also focus on evidence-based intervention strategies for implementation with adults. Collaboration with interprofessionals and caregivers will be addressed. Incorporates Level I fieldwork experiences. Prerequisites: 501, 531, 532 and 535. Offered fall term each year. Four semester hours.

OT 644. Adult Neurological Rehabilitation - An occupations-based approach to the theory and practice of occupational therapy with adults with neurological conditions. The course includes screening, selection and provision of assessments, evaluation, intervention planning, implementation of evidence-based interventions and discontinuation of services. Collaboration with interprofessionals and caregivers will be discussed. Assistive technologies for use in physical rehabilitation settings will be explored. Incorporates Level I Fieldwork experiences. Prerequisites: 501, 531 532, 535, and 643. Offered spring term each year. Three semester hours.

OT 651. Community-Based Occupational Therapy - An application of psychosocial, physical, cognitive and sensoriperceptual components of occupational therapy through practical, community based experiential learning. Students will work within community-based settings to demonstrate their knowledge and understanding of the many factors that impact individuals, groups and populations in all parts of the occupational therapy process (assessment, intervention, outcomes). Additional development of group leadership skills and targeted protocol design will be emphasized. Prerequisite: OT 631. Offered spring term each year. Four semester hours.

OT 652. Occupational Therapy with Older Adults - This course will address principles of occupational therapy with older adults (65+) screening, evaluation, intervention planning, intervention implementation, and discharge planning across settings. It focuses on applying theories, models of practice, frames of reference, ADLs, and IADL for older adults. A variety of practice settings, service delivery models, and inter/intra disciplinary team approaches will be examined with individuals. OT 501, 605, 531, 532, and 535. Offered spring term each year. Three semester hours.

OT 680. Research Design and Methods in Occupational Therapy II - A continuation of OT 580 with an emphasis on sampling techniques, survey construction, grant writing, and advanced critique and analysis of published research. The course also includes a practical review of basic data analysis techniques used in qualitative and quantitative research formats. Prerequisite: OT 580. Offered spring term each year. Two semester hours

OT 691A. Fieldwork Level IA - Introductory fieldwork level I experiences in the area of pediatric occupational therapy settings under the supervision of clinicians. Offered spring term each year. One semester hour.

OT 691B. Fieldwork Level IB - Introductory fieldwork level I experiences in the area of psychosocial occupational therapy settings under the supervision of clinicians. Offered fall term each year. One semester hour.

OT 691C. Fieldwork Level IC - Introductory fieldwork level I experience in the area of physical dysfunction occupational therapy settings under the supervision of clinicians. Offered spring term each year. One credit hour.

OT 710. Leading and Managing Occupational Therapy Services - This course will examine the role of the occupational therapist in leading and managing services within the health care system. Professional values, attitudes, ethics, and standards are emphasized. The course focus includes skill development in leadership, basic management functions (i.e., marketing, directing, budgeting, staffing, and controlling), program development, program evaluation, continuous quality improvement, consultation, and strategic planning. The influence of the determinants of health on the administration of health services at the population level will be considered including individual behavior, social influences, physical environment, medical care, epidemiology, and intervention. Trends in health care, legislation and regulation implications of health policy, and third-party reimbursement are examined. Prerequisites: OT 560, 580, 615, 631, 632, 643 and 680 or consent of the instructor. Offered spring term each year. Three semester hours.

OT 740. Professional Development Seminar - Seminar that prepares students for Level II Fieldwork, the NBCOT examination, entry level occupational therapy positions and ongoing professional development. Students integrate academic knowledge, personal interests, educational experiences and reflective thinking skills to develop a program of learning activities to prepare them for their future responsibilities and opportunities. Prerequisites: OT 631, 632, 643, 691 A, B and 695 A, B or consent of the instructor. Offered spring term each year. One semester hour.

OT 750. Specialization Elective - A course directed toward students' exposure to clinical areas of practice of their own choosing. Offered fall and spring terms each year. Prerequisites: OT 615, 631, 632, and 643 or consent of the instructor. Two semester hours.

OT 780A, B, and C. Directed Research - Group research project or individual research project supervised by appropriate faculty. Students will participate in two hours of directed research during the spring semester of their first year (780A). During the fall semester of their second year, students will take two hours of directed research for data collection or project development (780B). Students in the spring semester of their second year will take one hour of directed research in order to defend their research or present their project (780C). 780A and B – two semester hours each; 780C – one semester hour.

OT 791A. Fieldwork Level IIA - A full-time supervised clinical experience designed to develop entry-level professional skills, consisting of a three-month full-time affiliation in a selected treatment setting. Offered every term. Five semester hours.

OT 791B. Fieldwork Level IIB - A full-time supervised clinical experience designed to develop entry-level professional skills, consisting of a three-month full-time affiliation in a selected treatment setting. Offered every term. Five semester hours.

OT 791C. Fieldwork Level IIC (optional) - A full-time supervised clinical experience in a specialized area. A minimum of six weeks duration is required. Offered every term. Three to five semester hours.

PHYSICIAN ASSISTANT STUDIES

PAS courses are open to students who have been fully admitted to and are in good standing in the PAS program.

Semester 1

PAS 510. Christ and Calling in Healthcare - An examination of how contemporary Western cultures shape how Christians understand their faith, and an exploration of how Christians in healthcare are affected by this and respond to these challenges as a healthcare employee on a daily basis and by taking part in medical missions and service to others. Issues addressed include exploration of Christ as a healer, exploration of self and one's calling, scientific study of the impact of religion on health care, appropriate avenues of ministry in health care, and how to surmount obstacles to compassion in American health care culture. Offered spring term each year. One semester hour.

PAS 511. Anatomy with Lab - This course is designed to develop an understanding of normal human anatomy with an in-depth examination of anatomical structure and function. Each student is expected to learn anatomical terminology as well as three-dimensional and radiological anatomy. Emphasis is placed on the relationship of normal structure and normal variants with clinical correlation to pathology and disease processes. Lectures are complemented by laboratory study of real dissection, prosected cadavers, and anatomic models. A regional approach will be used to study the extremities, trunk, and head and neck. Offered spring term each year. Six semester hours.

PAS 512. Interpersonal Communication in Health Care - This course will give students instruction in communication skills that will allow for effective exchange of information with patients. Topics include patient interviewing skills and the medical history, the patient/provider relationship, the role of the physician assistant as a health care team member, and communication techniques for patients across cultural and generational groups. Offered spring term each year. Two semester hours.

PAS 513. Health Care Systems and Ethics - This course is designed to provide basic knowledge of health care delivery systems, socioeconomic issues affecting healthcare, federal and state laws that impact PA practice, and medical ethics. Topics that will be discussed include reimbursement, coding, billing, documentation, risk management in medical practice, prescriptive authority, cultural diversity issues, an overview of complementary medicine, and an introduction to the physician assistant profession and the roles of different members of the health care professional team. Offered spring term each year. Three semester hours.

PAS 514. Academic and Professional Ethics - This course is designed to address ethical and professional issues in physician assistant practice. Topics that will be discussed include ethical decision-making, professional responsibility, and commitment to patients and their overall welfare. Offered spring term each year. One semester hour.

PAS 515. Physiology/Pathophysiology I - This course is the first of two courses that presents normal physiology of major body systems as a bridge to the concepts of pathophysiology that are the cause of dysfunction and disease and gives a foundation for clinical evaluation and intervention. Specifically, core concepts of this course include the physiology of major cellular functions and cell communication, functional units of the central and peripheral nervous system, neurophysiology, neuropathology, muscle function at the cellular level for genetic and traumatic pathologies, the physiology of normal cardiovascular function in relation to common cardiovascular disorders, and the physiology of normal respiratory function in relation to common respiratory disorders. Offered spring term each year. Three semester hours.

Semester 2

PAS 520. Public Health/Preventative Medicine - This course is designed to address public health issues and provide students with an overview of basic concepts of preventative medicine. Issues that will be discussed include promotion of health across the lifespan and population groups, lifestyle changes that can improve one's health, and prevention of disease. Offered summer term each year. Two semester hours.

PAS 521. Clinical Medicine and Diagnostics I - This course is the first of three courses designed to provide the student with a body-system, problem oriented approach to human diseases and disorders, using a lifespan approach from pediatrics to geriatrics. It will include discussion of etiology, epidemiology, historical data, genetic influence, pathophysiology, clinical manifestations, physical exam findings, differential diagnosis, diagnostic studies, laboratory medicine, therapeutic management, prevention, and prognosis of common disease processes found in the primary care setting. Topics include neurology, musculoskeletal, rheumatology, hematology/oncology, and infectious diseases. Offered summer term each year. Four semester hours.

PAS 522. Patient Assessment, Counseling, and Education I with Lab - This course is the first of three courses designed to develop the knowledge to obtain and record a complete medical history and perform a complete physical exam. The course will provide an overview of the medical record along with interviewing and patient communication skills. The student will use appropriate equipment, proper techniques, and accurate medical terminology to document and identify normal from abnormal findings and communicate those findings by oral presentation and by writing as for medical record keeping. This course will also provide patient education and counseling techniques and the appropriate way to communicate with patients and their families to help them adhere to treatment plans and cope with stress, illness, or injury. Skills will be developed through structured laboratory experiences where students perform a thorough history and physical examination on assigned lab partners and simulated patients. This course will include instruction of how to perform a focused and detailed neurological exam and musculoskeletal exam, along with learning a complete physical exam. Offered summer term each year. Four semester hours.

PAS 523. Pharmacology/Pharmacotherapy I - This course is the first of three courses designed to provide students with a strong foundation of principles of pharmacology, pharmacodynamics, and pharmacokinetics. Discussion will include mechanism of action of major classes of therapeutic agents with attention given to individual drugs and their uses, desired effects, potential side effects, and toxicities. Emphasis is placed on agents that are most frequently prescribed for treatment of common diseases found in the primary care setting in the areas of neurology,

musculoskeletal, rheumatology, hematology/oncology, and infectious disease. Offered summer term each year. Three semester hours.

PAS 524. Clinical Decision Making I - This course is the first of three courses designed to develop a logical way for students to assess disease processes and disorders. Students will develop the ability to form a differential diagnosis based on a patient's presenting complaints, signs, and symptoms. Students will also develop an understanding of appropriate uses for diagnostic testing including clinical laboratory, radiographic, EKG testing, and other diagnostic testing or imaging studies that may be appropriate in the diagnosis and management of a patient. Offered summer term each year. Two semester hours.

PAS 525. Physiology/Pathophysiology II - This course is the second of two courses that presents normal physiology of major body systems as a bridge to the concepts of pathophysiology that are the cause of dysfunction and disease and gives a foundation for clinical evaluation and intervention. Specifically, core concepts of this course include the physiology of primary mechanisms of infection and the immune response, normal renal function and common renal disorders including renal failure, and the physiology of normal gastrointestinal function in relation to common gastrointestinal disorders, primary mechanisms of infection and the immune response, the physiology of normal reproductive function in relation to common reproductive disorders, the physiology of normal obstetric and gynecologic function in relation to common obstetric and gynecologic disorders, and the physiology and pathophysiology of common genetic disorders. Offered summer term each year. Three semester hours.

Semester 3

PAS 530. Behavioral Medicine - This course is designed to provide the student with tools to evaluate, diagnose, and manage major psychiatric and mental disorders that are common in primary care. Topics will include normal psychological development in the pediatric, adult, and geriatric patient, substance abuse, anxiety, depression, eating disorders, phobias, response to illness, injury, and stress, principles of violence identification and prevention, human sexuality, death and end of life issues including palliative care, psychoses, and personality disorders. Offered fall term each year. Three semester hours.

PAS 531. Clinical Medicine and Diagnostics II - This course is the second of three courses designed to provide the student with a body-system, problem oriented approach to human diseases and disorders, using a lifespan approach from pediatrics to geriatrics. It will include discussion of etiology, epidemiology, historical data, genetic influence, pathophysiology, clinical manifestations, physical exam findings, differential diagnosis, diagnostic studies, laboratory medicine, therapeutic management, prevention, and prognosis of common disease processes found in the primary care setting. Topics include cardiology, pulmonology, nephrology, gastrointestinal diseases, and obstetrics and gynecology. Offered fall term each year. Four semester hours.

PAS 532. Patient Assessment, Counseling, and Education II with Lab - This course is the second of three courses designed to develop the knowledge to obtain and record a complete medical history and perform a complete physical exam. The course will provide an overview of the medical record along with interviewing and patient communication skills. The student will use appropriate equipment, proper techniques, and accurate medical terminology to document and identify normal from abnormal findings and communicate those findings by oral presentation and by writing as for medical record keeping. This course will also provide patient education and counseling techniques and the appropriate way to communicate with patients and their families to help them adhere to treatment plans and cope with stress, illness, or injury. Skills will be developed through structured laboratory experiences where students perform a thorough history and physical examination on assigned lab partners and simulated patients. This course with include instruction of how to perform a focused and detailed cardiovascular, thorax, and lung exam, abdominal exam (including anus, rectum, and prostate), and the behavior and mental status exam, along with learning a complete physical exam. Offered fall term each year. Four semester hours.

PAS 533. Pharmacology/Pharmacotherapy II - This course is the second of three courses designed to provide students with a strong foundation of principles of pharmacology, pharmacodynamics, and pharmacokinetics. Discussion will include mechanism of action of major classes of therapeutic agents with attention given to individual drugs and their uses, desired effects, potential side effects, and toxicities. Emphasis is placed on agents that are most frequently prescribed for treatment of common diseases found in the primary care setting in the areas of cardiology, pulmonology, nephrology, psychiatry, and gastrointestinal diseases along with common therapeutic agents used in the emergency room setting. Offered fall term each year. Three semester hours.

PAS 534. Clinical Decision Making II - This course is the second of three courses designed to develop a logical way for students to assess disease processes and disorders. Students will develop the ability to form a differential diagnosis based on a patient's presenting complaints, signs, and symptoms. Students will also develop an understanding of appropriate uses for diagnostic testing including clinical laboratory, radiographic, EKG testing, and other diagnostic testing or imaging studies that may be appropriate in the diagnosis and management of a patient. Offered fall term each year. Two semester hours.

PAS 535. Evidence-Based Medicine/Research Methods: This course will give students an introduction to research methodology and evidence-based medical practice. The course content includes an overview of epidemiologic and research concepts, quantitative and qualitative research methods and designs, library resources, the limitations of medical research, conducting a search for medical literature, and evaluation of medical literature. The skill of using clinical information to practice evidence-based medicine will be introduced through having students evaluate and interpret published clinical research from current literature and medical journals. Offered fall term each year. Three semester hours.

Semester 4

PAS 540. Pediatrics: This course is designed to emphasize normal physiological and psychosocial development in the newborn, infant, child, and adolescent. This course focuses on the major common pediatric illness with topics including cardiology, pulmonary, genetic diseases, musculoskeletal, gastrointestinal, genitourinary, endocrinology, and ENT. Preventative medicine, pediatric medication dosing, sexuality, and child abuse will also be discussed. Offered spring term each year. Three semester hours.

PAS 541. Clinical Medicine and Diagnostics III - This course is the third of three courses designed to provide the student with a body-system, problem oriented approach to human diseases and disorders, using a lifespan approach from pediatrics to geriatrics. It will include discussion of etiology, epidemiology, historical data, genetic influence, pathophysiology, clinical manifestations, physical exam findings, differential diagnosis, diagnostic studies, laboratory medicine, therapeutic management, prevention, and prognosis of common disease processes found in the primary care setting. Topics include endocrinology, dermatology, genitourinary, common disease processes found in emergency room medicine, ophthalmology, and ENT diseases. A focus on hospitalist medicine, as well as geriatric topics not previously covered in the clinical medicine courses will be discussed. Offered spring term each year. Four semester hours.

PAS 542. Patient Assessment, Counseling, and Education III with Lab - This course is the third of three courses designed to develop the knowledge to obtain and record a complete medical history and perform a complete physical exam. The course will provide an overview of the medical record along with interviewing and patient communication skills. The student will use appropriate equipment, proper techniques, and accurate medical terminology to document and identify normal from abnormal findings and communicate those findings by oral presentation

and by writing as for medical record keeping. This course will also provide patient education and counseling techniques and the appropriate way to communicate with patients and their families to help them adhere to treatment plans and cope with stress, illness, or injury. Skills will be developed through structured laboratory experiences where students perform a thorough history and physical examination on assigned lab partners and simulated patients. This course with include instruction of how to perform a focused and detailed exam of the male and female genitourinary, pregnant female exam techniques, breast exam, skin exam, and head and neck exam, along with learning a complete physical exam. This course will also include special instruction on pediatric and geriatric physical exam techniques. Offered spring term each year. Four semester hours.

PAS 543. Pharmacology/Pharmacotherapy III - This course is the third of three courses designed to provide students with a strong foundation of principles of pharmacology, pharmacodynamics, and pharmacokinetics. Discussion will include mechanism of action of major classes of therapeutic agents with attention given to individual drugs and their uses, desired effects, potential side effects, and toxicities. Emphasis is placed on agents that are most frequently prescribed for treatment of common diseases found in the primary care setting in the areas of endocrinology, dermatology, genitourinary, and ENT diseases. Offered spring term each year. Three semester hours.

PAS 544. Clinical Decision Making III - This course is the third of three courses designed to develop a logical way for students to assess disease processes and disorders. Students will master the ability to develop a differential diagnosis based on a patient's presenting complaints, signs, and symptoms. Students will also develop an understanding of appropriate uses for diagnostic testing including clinical laboratory, radiographic, EKG testing, and other diagnostic testing or imaging studies that may be appropriate in the diagnosis and management of a patient. Offered spring term each year. Two semester hours.

PAS 545. Surgical Medicine - This course is designed to provide an overview of the fundamentals of surgical disease and care of the acute and chronic surgical patient. Pre- and post-op care of surgical patients will be discussed as well as common and elective surgical procedures. The student will learn the etiology, pathophysiology, signs and symptoms, diagnosis, and management of selected surgical conditions. Offered spring term each year. Three semester hours.

Clinical Year

This 13-month clinical portion of the curriculum consists of eight, six-week supervised clinical practice experiences (SCPE), on-campus student evaluation, and PANCE preparation, preparing the student for entry into PA practice. Students will provide medical care to patients and families across the life span in a variety of clinical settings. SCPE sites and preceptors are selected, evaluated, and scheduled by the PA faculty to maximize the potential for students to meet SCPE course and program outcomes. Students may suggest a SCPE site and/or preceptor at least three months prior to the start of a SCPE. Approval of a student-requested SCPE site and/or preceptor lies with the PA faculty, and all rotation schedules will be subject to change. Students are responsible for their own travel, meals, and lodging during the clinical year.

PAS 610. Family Medicine SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student will gain experience in family medicine and will apply knowledge and skills gained during the didactic phase to interact with patients and their families, perform appropriate physical exams, order and interpret laboratory, radiographic, and other diagnostic tests, formulate differential diagnoses, suggest proper treatment courses, and manage patients effectively. The student should be able to recognize the signs and symptoms, diagnosis and proper treatment of those illnesses most commonly seen in a family practice setting which includes patients across the lifespan. Students will be evaluated and tested for this rotation based on the knowledge and skills related to family medicine. Offered each term during the clinical year. Four semester hours.

PAS 620. Internal Medicine SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student will gain experience in internal medicine and will apply knowledge and skills gained during the didactic phase to interact with patients and their families, perform appropriate physical exams, order and interpret laboratory, radiographic, and other diagnostic tests, formulate differential diagnoses, suggest proper treatment courses, and manage patients effectively. The student should be able to recognize the signs and symptoms, diagnosis and proper treatment of those illnesses most commonly seen in an internal medicine outpatient or inpatient setting which includes adult and geriatric populations. Students will be evaluated and tested for this rotation based on the knowledge and skills related to internal medicine. Offered each term during the clinical year. Four semester hours.

PAS 630. Pediatrics SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student will gain experience in pediatrics and will apply knowledge and skills gained during the didactic phase to interact with patients and their families, perform appropriate physical exams, order and interpret laboratory, radiographic, and other diagnostic tests, formulate differential diagnoses, suggest proper treatment courses, and manage patients effectively. The student should be able to recognize the signs and symptoms, diagnosis and proper treatment of those illnesses most commonly seen in a pediatric outpatient or inpatient setting which includes neonates to late adolescents. The student will be able to evaluate and recognize normal child development, developmental milestones, and perform well-child care, and they will be able to discuss and recommend appropriate safety precautions for the pediatric population and the current immunization schedule. Students will be evaluated and tested for this rotation based on the knowledge and skills related to pediatrics. Offered each term during the clinical year. Four semester hours.

PAS 640. Obstetrics/Gynecology SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student will gain experience in obstetrics/gynecology and will apply knowledge and skills gained during the didactic phase to learn about common gynecological problems, pregnancy, infertility, and prenatal care. The student should be able to recognize the signs and symptoms, diagnosis and proper treatment of those illnesses most commonly seen in an obstetrics/gynecology outpatient or inpatient setting. Students will be evaluated and tested for this rotation based on the knowledge and skills related to obstetrics and gynecology. Offered each term during the clinical year. Four semester hours.

PAS 650. General Surgery SCPE - This rotation provides the student with patient care experience in an inpatient and outpatient setting under the supervision of a clinical site preceptor. The student will gain experience in general surgery and will apply knowledge and skills gained during the didactic phase to learn about common surgical problems, surgical pathology, and common laboratory and imaging studies used in the surgical setting. Students will recognize the signs and symptoms of common surgical conditions and become familiar with indications, limitations, and treatment plans used in general surgery. Students will spend most of their time in the inpatient setting, but may also spend time in the outpatient setting as well. Students will become more familiar with the importance of the team approach in healthcare and will appreciate and respect the contributions of all team members. Students will be evaluated and tested for this rotation based on the knowledge and skills related to general surgery. Offered each term during the clinical year. Four semester hours.

PAS 660. Emergency Room Medicine SCPE - This rotation provides the student with patient care experience in an emergency room setting under the supervision of a clinical site preceptor. The student will gain experience in the evaluation of potential life-threatening conditions and common emergencies to include medical, surgical, and psychiatric illnesses

and injuries. The student will be exposed to patients across the lifespan and will learn to triage patients, take rapid and accurate histories, perform appropriate problem-specific physical exams, order diagnostic tests, and formulate treatment plans. Students will be evaluated and tested for this rotation based on the knowledge and skills related to emergency room medicine. Offered each term during the clinical year. Four semester hours.

PAS 670. Behavioral Medicine SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student will gain experience in behavioral medicine and will apply knowledge and skills gained during the didactic phase to evaluate and manage patients with psychiatric disorders. Students will develop skills to make a mental health assessment and will observe, evaluate, and treat those psychiatric disorders that are most commonly seen in the primary care setting. Students will increase their knowledge of pharmacologic and counseling treatment options for patients with psychiatric disorders. Students will be evaluated and tested for this rotation based on the knowledge and skills related to behavioral medicine. Offered each term during the clinical year. Four semester hours.

PAS 680. Elective SCPE - This rotation provides the student with patient care experience in an outpatient and/or inpatient setting under the supervision of a clinical site preceptor. The student may choose to do this rotation in any specialty and at any site that is approved by the Clinical Coordinator. This rotation will occur toward the end of the student's clinical phase of education. This can be a specialty in which the student has a particular interest, or a repeat of one of the core rotations. The student will gain experience in the chosen specialty and will apply knowledge and skills gained during the didactic phase to perform appropriate physical exams, order and interpret laboratory, radiographic, and other diagnostic tests, formulate differential diagnoses, suggest proper treatment courses, and manage patients effectively. Students will be evaluated and treated based on the knowledge and skills related to the chosen specialty. Offered each term during the clinical year. Four semester hours.

PAS 760. Summative Evaluation - This course will evaluate individual student achievement of program outcomes. Emphasis will be on the student's successful demonstration of the knowledge, interpersonal and clinical skills, use of evidence-based medicine, and professionalism needed for entry into clinical practice. Included as part of this course will be the successful completion and presentation of the student's Capstone Project. Offered spring term of each year. Four semester hours.

EMMANUEL CHRISTIAN SEMINARY AT MILLIGAN

Emmanuel Christian Seminary Academic Programs

School of Bible and Ministry

Purpose

The founders of Emmanuel School of Religion, now Emmanuel Christian Seminary at Milligan, noted that a large number of college students were seeking further preparation for ministry in an institution firmly committed to the teaching of the Gospel and to the study of that nineteenth-century church reformation known today as the Stone-Campbell Movement, which seeks to exhibit in our time the imperative relevance of New Testament Christianity, by appreciating the Stone-Campbell heritage with its concern for the restoration of the universal Church to the spiritual standards of the New Testament. Many of these students desired to equip themselves for ministry in an environment of spiritual growth and academic rigor. The founding committee understood that these objectives could best be achieved through assembling a committed, educated faculty to oversee a demanding, biblically-based curriculum.

Emmanuel Christian Seminary at Milligan seeks to fulfill the mission of the Church by preparing men and women for effective Christian ministry.

The primary purpose of Emmanuel is to prepare men and women as "leading servants" for effective ministry in these areas:

- worship, preaching, and pastoral care
- Church leadership and administration
- Christian formation and education
- evangelism and church growth
- cross-cultural missions
- institutional and military chaplaincy
- teaching in schools and colleges
- Christian exercise of other vocations

To accomplish this purpose, Emmanuel offers two residential degree programs for those who have attained a baccalaureate degree. The Master of Divinity degree (MDiv) is intended for those seeking comprehensive preparation for any of the pastoral ministries of the church. The Master of Arts in Religion degree (MAR) is designed primarily for those interested in advanced Christian study who have chosen careers other than congregational leadership and para-church ministries. It may, however, be undertaken by those who have had ministerial experience and whose time of study is limited, such as missionaries on furlough. Emmanuel also offers a Master of Arts in Christian Ministries degree (MACM) for students at a distance who are already serving in ministry and unable to relocate to East Tennessee to continue graduate-level education. This degree, offered through short-term intensives and online courses, is designed to deepen biblical and theological studies while advancing ministerial skills.

The Doctor of Ministry degree (DMin) is offered for persons who hold an earned master's degree in a ministry-related area, who are already experienced in pastoral ministry, and who desire to renew and deepen their theological understanding and to increase their competence in the practice of ministry, with an emphasis on teaching. The DMin is intended to be pursued while the student is engaged in full-time ministerial work.

Emmanuel seeks to serve the church as an intellectual center. This purpose encompasses the following activities:

- enriching the Church through the scholarly research and writing of the faculty
- sponsoring lectureships and conferences that will be informative and helpful to ministers and church leaders
- providing high quality resources for the educational life of the Church through its library
- making available to the Church the expertise and experience of the faculty through various special programs

Educational Philosophy of Emmanuel Christian Seminary at Milligan

Emmanuel Christian Seminary at Milligan is a graduate seminary of higher education that provides theological training for women and men preparing to serve the church in various forms of congregational leadership: pulpit, associate, and worship ministry; children and youth leadership; new church planting; missions; teaching; chaplaincies; counseling; and lay leadership. The environment of seminary education is intended to enhance spiritual formation within a community setting, explore academic interests, increase pastoral sensitivity, and develop practical skills of service.

The mission of the seminary is best understood in light of its name and the design of its educational programs. The meaning of the term "Emmanuel" (God with us) states the confidence in the revelation of God in Christ that must permeate all studies. It points to the expectant reception by faculty and students of the presence of the Holy Spirit in the pursuit of theological learning.

Students at Emmanuel are instructed by a faculty of competent scholars. The disciplines of the spiritual life are nurtured in a variety of ways within the seminary community. By these means, Emmanuel endeavors to educate students for a ministry of spiritual, intellectual, and emotional maturity.

Emmanuel finds its identity in the revelation of God in history, specifically in the person of Jesus Christ. Seminary leaders are dedicated to discerning and following the will of Christ and guidance of the Spirit; Scripture is the norm, and the history of the Church provides an essential guide. Thus, Emmanuel sees the restoration of humanity to God in congregational and worldwide fellowship as the deepest expression of a heritage that has emphasized the restoration of the spiritual principles of New Testament Christianity as the means of attaining Christian unity. In this way, we serve the mission of the Church everywhere, especially the needs of Christian Churches and Churches of Christ.

Educational Goals

It is the expressed educational objective of Emmanuel Christian Seminary at Milligan to accomplish eight major goals in the life of every student. These goals are:

1. Develop a maturing love for God, commitment to Jesus Christ as Lord and Savior, and participation in the Holy Spirit's work in the world.
2. Cultivate a heart of compassion, loyalty, courage, and self-giving love in support of kingdom values.
3. Integrate the Christian faith as revealed in Scripture, experienced throughout the history of the church, and explored in twenty centuries of Christian thought.
4. Interpret and communicate Scripture with historical integrity and theological imagination in relation to contemporary cultures.
5. Develop commitment to serve the church in its universal and local expressions with appreciation for the unique contribution of the Stone-Campbell tradition to unity and mission in keeping with the biblical witness.
6. Extend dignity and worth to all persons, men and women, created in the image of God, with deepening compassion for the marginalized.
7. Identify, shape, and refine one's calling through a well-articulated theology of ministry.
8. Demonstrate, as "leading servants," the practices of moral discernment, together with authentic and faithful ministry in complex and diverse contexts.

Accreditation and Affiliation

A.T.S.

Emmanuel Christian Seminary at Milligan is accredited by the Commission on Accrediting of the Association of Theological Schools, 10 Summit Park

Drive, Pittsburg, PA 15275-1110; 412-788-6505. The following degree programs are approved by the Commission on Accrediting: Master of Divinity, Master of Arts in Religion, Master of Arts in Christian Ministries, and Doctor of Ministry.

A.T.F.E.

The school is a member of the Association for Theological Field Education, which meets biennially to consider matters of common concern to workers in theological field education in the United States and Canada.

Theta Phi

The Emmanuel Chapter of the International Society of Theta Phi, an honor society for theological students, scholars in the field of religion, and outstanding religious leaders, was inaugurated in the spring of 1972. Students excelling in scholarship, character, and professional competence are elected as members each year. Non-students may be elected on the basis of distinguished achievement in scholarship or service in the church. Dues collected from members of the Emmanuel Chapter of Theta Phi are used to provide a monetary scholarship to an outstanding middler student selected on the basis of the student's grade point average and his or her ministry to the church.

Association for Clinical Pastoral Education (A.C.P.E.)

Through Emmanuel's membership in the Association for Clinical Pastoral Education, accredited programs of Clinical Pastoral Education (CPE) are available to students locally and at over 250 hospitals, clinics, correctional and rehabilitation institutions, and other centers. Through these venues, students may earn one-half, one, or more accredited units of CPE.

Two accredited CPE programs are offered in Johnson City. At the Department of Veterans Affairs Medical Center, a one-unit CPE program (400 hours of supervised experience) is offered annually on either a summer (June through August) or extended (September through May) schedule. At the Johnson City Medical Center Hospital, one-unit CPE programs are available covering the fall and spring semesters.

Spiritual Life and Chapel Services

The purpose of Emmanuel Christian Seminary at Milligan is to be understood in light of the nature of the Church as a fellowship of mutual ministry and of mission to the world. Therefore, we desire to exemplify our total commitment to Jesus as the Christ, Son of God, Lord, and Savior. Such a confession involves not only service to Christ but also freedom among one another under him. We regard this confession as the root of individual maturity in Christ and collective maturity in the Spirit as the family of God. In the fullest depth and breadth of this commitment, we envision a spirituality that is genuinely Christian and ecumenical.

Accordingly, the various learned disciplines of the academic program can be properly understood and fully engaged only in relationship to the whole spiritual life. Therefore, participation in the Emmanuel community presupposes, as a minimum, honest personal interest in learning both the intellectual content and the moral and spiritual practice of Christian faith. Academic achievement and spiritual growth are closely linked in the ideal of Emmanuel.

To aid the development of spiritual life, Emmanuel offers various formal programs, as well as more spontaneous events that grow out of the atmosphere of freedom and spiritual commitment within the school. Various prayer groups, open to the whole Emmanuel community, develop voluntarily each semester. Devotional life is strongly encouraged, as is involvement in and service to local churches. Informal occasions of mutual edification occur daily. Student spouses and children are encouraged to become involved in the life of the seminary community.

Worship services are conducted on Tuesdays and Thursdays of each week in the Mildred Welshimer Phillips Memorial Chapel, often including a service of the Eucharist. Faculty, administrators, staff, and students participate in the leadership of these services, which vary in format. Guest speakers are invited frequently. Attendance at chapel services is encouraged for all students.

Student Life

Students find a sense of community that encompasses all aspects of their life at Emmanuel Christian Seminary at Milligan.

In the classroom, students learn from scholars who are current in their research and providing leadership in academic guilds and church communities. Students have the opportunity to work diligently in their coursework, engage in their own research, and develop skills for learning that will strengthen their ministries. The educational philosophy of Emmanuel is for students to work diligently in their coursework, which will result in great dividends.

Outside the classroom students enjoy many opportunities to get to know professors and their families. From fellowship chapels to Thompson Community Center gatherings, students, staff, and professors interact in a variety of ways that allow each to get to know the other beyond the walls of the classroom.

The Student Association is composed of a group of student leaders enrolled in Emmanuel. This organization provides opportunities for students to become better acquainted with each other, to discuss topics of common interest, to undertake service projects together, and to plan community social events. The Association also facilitates communication between the student body and the administration and faculty and assists with the selection of student representatives to the following faculty/administrative committees: Admissions, Chapel, Retention, Curriculum, and Lectureship. Student Association meetings are held each semester. Leaders are elected in the spring for a term of one year.

The Emmanuel Village, our on-campus student housing, provides a neighborhood environment for students and their families. Students with families enjoy the advantages of knowing that their children are in a safe environment with plenty of playmates, and single students have the benefit of sharing an apartment with their classmates. All residents of the Village enjoy living in a Christian community that supports each other in a variety of ways.

Emmanuel students and their families enjoy cultural events, recreational activities, health services, and learning and worship opportunities through the larger Milligan University community. Milligan's cafeteria services are offered to seminary students as well.

Many students and their families serve in ministry positions in the area. With over 100 churches in the surrounding region, students will find a congregation where they can both nurture their spiritual growth and serve the church. Several members of the Emmanuel community are involved in local ministries that support the people of the Tri-Cities region.

The surrounding area of Northeast Tennessee provides students with a variety of activities, both rural and urban. Students can be found hiking, kayaking, skiing, boating on area lakes, shopping, dining in a vast array of restaurants, worshiping, serving the community, and participating in many more areas of interest.

Ministry Resource Center

The Ministry Resource Center provides tools for placing and supporting alumni and others in ministry, particularly within the independent Christian churches of the Stone-Campbell movement.

The Center is part of Lilly Endowment's Thriving in Ministry initiative that supports a variety of religious organizations across the nation as they create or strengthen programs similar to ours. This program, like others, helps ministers build relationships with experienced clergy who can serve as mentors, guiding them through key leadership as they serve God's church.

The Ministry Resource Center seeks to be a bridge that connects new minister to mentor, pastor to pastor, and minister to Christian community.

Library Learning Resources

The Seminary Library, located in west wing of the Phillips Building, houses Milligan University's main theological book, journal, and media collections, and is a vital gathering place for study and learning. The Milligan University Library website (library.milligan.edu) serves as a portal to a wide array of high quality electronic information resources accessible on- or off-campus 24 hours a day/7 days a week. These resources include many specialized theology- and religious studies-related databases. The Library catalog is also integrated with WorldCat, which combined with the Library's interlibrary loan service connects users to the holdings of thousands of libraries worldwide. Qualified library staff are available to assist students with their resource and research needs through in-person consults, telephone, or online reference services. Noteworthy collections at the Seminary Library include the Beauford H. Bryant New Testament Seminar Library and the Helsabeck Archive of the Stone-Campbell Movement.

Lectureships

Westwood Lectureships

The Westwood Foundation was created to sponsor a Consortium that would bring together the resources of church-related colleges, seminaries, and institutes in the advancement of Christian teaching and inquiry within the context of the University of California, Los Angeles (UCLA) community. When a New Testament professor was recognized, accepted, and funded by UCLA, the work of the Foundation was fulfilled. In 1996, the trustees then transferred their assets to Emmanuel Christian Seminary to endow and assure the continuance of the Westwood Lectureships. Two lectureships have been established: The Robert O. Fife Lectures in Christian Reformation and the Myron Taylor Lectures in Preaching and Pastoral Ministry.

The Robert O. Fife Lectures in Christian Reformation

- 1997 Robert O. Fife, Ph.D., Adjunct Professor of Church History at Emmanuel Christian Seminary and a founding director of the Westwood Foundation.
- 2001 Doug Foster, Ph.D., Associate Professor of Church History, Abilene Christian University.

The Myron Taylor Lectures in Preaching and Pastoral Ministry

- 2003 David L. Bartlett, Ph.D., Lantz Professor of Preaching and Communication and Dean of Academic Affairs, Yale University Divinity School.
- 2004 Diana Garland, Ph.D., Professor of Social Work and Director of the MSW program, Baylor University.
- 2007 George Conway, DMin, Author, *Giving Good Gifts: The Spiritual Journey of Parenting.*
- 2008 Robert Pazmino, Ed.D., Valeria Stone Professor of Christian Education, Andover Newton Theological School.
- 2022 Emmanuel Katongale, Ph.D., Professor of Theology and Peace Studies, University of Notre Dame.

Mission of the Church Lectures

Since 1978, the Fig Tree Fellowship has sponsored a lectureship devoted to the Christian world mission, especially cross-cultural evangelism. Many noted and stimulating speakers have been featured, including William E. Pannell, Heber F. Peacock, Kosuke Koyama, and Lamin Sanneh. Recent lecturers include:

- 2003 Juan Samuel Escobar, Ph.D., Thornley B. Wood Professor of Missiology, Eastern Baptist Theological Seminar.
- 2006 George Bebawi, Ph.D., Director of the Jewish Roots of Christian Worship Project of the Centre for Advanced Religious and Theological Studies, Cambridge University.
- 2008 Eddie Gibbs, DMin, Senior Professor of Church Growth in the School of Intercultural Studies, Fuller Theological Seminary.
- 2011 Afe Adogame, Ph.D., Bayreuth University, Germany, Associate Professor in Religious Studies and World Christianity of the University of Edinburgh (UK).
- 2014 Doug Priest, Ph.D., Executive Director, Christian Missionary Fellowship International.
- 2020 Ruth Padilla DeBorst, Ph.D., Boston University, Comunidad de Estudios Teológicos, Costa Rica.

Ross-Smith Lectures in Pastoral Care

The Ross Lectures in Pastoral Care were endowed as a biennial lecture in 2013 by Calvin and Nancy Ross as a legacy of their ministries and in memory of Calvin's parents, Walter and Mardel Ross, and Nancy's father, Frank S. Smith.

- 2013 Deborah Van Hunsinger, Ph.D., Charlotte W. Newcombe Professor of Pastoral Theology, Princeton Theological Seminary.2014 Kyle Colvett, M.D., James H. Quillen College of Medicine at East Tennessee State University; the Medical Director for Oncology Services at Johnson City Medical Center and Mountain States Health Alliance since 1995.
- 2015 Stephen Loyd, M.D., James H. Quillen College of Medicine at East Tennessee State University. Mountain Home VA Medical Center, Chief of Medicine.
- 2017 Emmanuel Lartey, Ph.D, L. Bevel Jones III, Professor of Pastoral Theology, Care, and Counseling, Candler School of Theology at Emory University at Emory University.
- 2019 Tom Long, Ph.D., Bandy Professor Emeritus of Preaching at Emory University's Candler School of Theology.
- 2021 Ellen Ott Marshall, Ph.D., Associate Professor of Christian Ethics and Conflict Transformation, Candler School of Theology at Emory University.

Hayden Lectures in Old Testament, New Testament, and Theology

The Hayden Lectures in Old Testament, New Testament, and Theology were endowed as a biennial lecture in 2016 by Dan and Linda Lawson in memory of Linda Hayden Lawson's father, Dr. Edwin V. Hayden, the first recipient of the James A. Garfield Award, Emmanuel's highest award, in recognition of his outstanding service to the church.

- 2019 Dwight N. Hopkins, Ph.D., Alexander Campbell Professor of Theology, University of Chicago Divinity School.

Master of Divinity, Master of Arts in Christian Ministries, and Master of Arts in Religion

School of Bible and Ministry

Admission

On the basis of guidelines issued by The Association of Theological Schools in the United States and Canada, admission to master's level programs at Emmanuel Christian Seminary at Milligan is granted on the basis of the following criteria:

1. A baccalaureate degree from an institution of higher learning accredited by a US agency recognized by the Council of Higher Education Accreditation (CHEA) or the demonstrated educational equivalent of a North American baccalaureate degree†.
2. Evidence of academic, personal, and spiritual preparation that demonstrate potential for making a contribution to church and society.
3. Evidence of capability of graduate-level studies, having developed to a satisfactory degree the ability to think independently, to communicate effectively, and to research adequately.
4. A broad undergraduate education with a strong general education core is desirable.

Emmanuel Christian Seminary at Milligan welcomes qualified students regardless of age, race, sex, gender, disability, color, or national or ethnic origin. Admission is open to qualified students from any church body or theological tradition.

Provisional Status

The Admissions Committee will determine any deficiencies and will specify how they are to be made up. Students with such deficiencies may be admitted provisionally but restricted as to the number of seminary courses they may take until the requirements are met. No student can apply for degree candidacy while on provisional admittance status.

Under exceptional circumstances, a student without a baccalaureate degree may be admitted to the Master of Divinity, Master of Arts in Christian Ministries, or Master of Arts in Religion program on a probationary status. The rare exception to this policy will be based upon the normal considerations for admission, plus age, years of experience, and history of excellence in ministry. The Academic Dean of the Seminary, with the assistance of the Admissions Committee, will review any exceptions. History of excellence in ministry is assessed on the basis of a letter of recommendation from an official representative of the applicant's church, references from three additional persons (five total references) acquainted with the applicant's ministry, and an essay on the applicant's goals for graduate studies written by the applicant and demonstrating a sound rationale for the exception. The letter of recommendation, references, and essay must be submitted to the Academic Dean of the Seminary's office along with the application to the program. Once a provisionally-accepted student has successfully completed 18 credit hours in the appropriate program with a 3.0 or better, the probationary status will be removed.

Application for Admission

Applicants for admission must submit the following materials in support of the Standards for Admission:

- A completed application
- A brief essay, as described in the application material
- The non-refundable application fee of $30
- Official transcripts from all undergraduate and graduate institutions attended
- Completed references from two different people

Applications follow a rolling admissions policy during the application period. Applicants are encouraged to contact the Seminary Admissions Office for upcoming deadlines relative to admission.

International Students

International students should see the additional requirements listed on page 213. In addition, the Seminary requires a $500 deposit.

Non-Degree Students

Those who do not plan to pursue a degree through one of the seminary's offerings may be enrolled as non-degree students without meeting all the requirements for admission. The abbreviated process is as follows:

- Complete the application and provide one reference, transcripts, and a statement explaining why the student wishes to take the class.
- Approval of the instructor and Dean of the Seminary is required

Students taking work for academic credit may need to have completed a baccalaureate degree.

Audit Students

Students with or without a baccalaureate degree can audit a course by providing the institution with general contact information and a statement of desire regarding auditing courses. Not all courses are open to audit students based on the learning outcomes for the course and professor's discretion. For instance, online courses are not available to audit students. The abbreviated admission process for audits is as follows:

- Complete the application and provide one reference, transcripts, and a statement explaining why the student wishes to take the class.
- Approval of the instructor and Dean of the Seminary is required.

Readmission

Master of Divinity (MDiv), Master of Arts in Religion (MAR), or Master of Arts in Christian Ministries (MACM):
Students who have not been continuously enrolled at Emmanuel Christian Seminary at Milligan (i.e., not enrolled for at least one course during a fall and/or spring semester), will need to complete the Application for Readmission before being permitted to register for courses.

Doctor of Ministry (DMin) or Certificate in Christian Ministries (CCMin):
Students who have not been enrolled in at least one course during the last 12 months will need to complete the Application for Readmission before being permitted to register for courses.

All programs:
Students who have not been enrolled in a course at Emmanuel for a period greater than THREE (3) years will need to contact the seminary Admissions Office to reapply to the seminary.

Transfer of Credits, Advanced Standing, Shared Credits

Transfer of Credits

Current students and applicants who have taken courses at other accredited graduate institutions may receive transfer credit for courses that are comparable to offerings in the Emmanuel Christian Seminary at Milligan curriculum. Transfer of credit is not automatic; it is conditional upon approval by the Academic Dean of the Seminary in consultation with the faculty. Students seeking transfer of credit, or who wish to transfer to Emmanuel from another accredited graduate institution, may be asked to present a letter of good standing from the institution.

Transfer of Credit Policies

- A student may request transfer credit for courses equivalent to courses at the seminary. Only courses with content that closely approximates core courses will be accepted as transfer for credit for core requirements.
- Only one-half of the credits required for an Emmanuel degree may be granted by transfer of credit. (Calculating the amount of credits allowable is inclusive of advanced standing with credit granted, see below.)
    - Master of Divinity – 45 credit hours
    - Master of Arts in Religion – 28 credit hours
    - Master of Arts in Christian Ministries – 24 credit hours
- Transfer of credit beyond this limit (not exceeding two-thirds) may be granted only in special circumstances. The request must include a rationale for permitting further credit based on such factors as ministry experience, personal reference, academic excellence or other relevant information. All requests will be reviewed by the Academic Dean of the Seminary's Office.
- Only one-third of the courses required for a seminary degree may be granted by transfer of credit if the courses were completed through online/distance format. This is to ensure that students meet the residency requirements for all ATS-approved degrees offered by Emmanuel.
- Courses completed more than ten years previous may not be accepted as transfer credit unless continued competency can be demonstrated.
- Consideration for transfer of credit is available for students whose cumulative GPA is 2.5 or higher (on a 4.0 scale) at the transfer school and at Emmanuel at the time of request and who received a grade of C or higher in the course(s) being considered.
- Field education/internship credits will be evaluated by the field education/internship supervisor.

Transfer of Credit Procedures

In certain circumstances, a transfer of credit review will be completed for an applicant to Emmanuel Christian Seminary at Milligan. The Director of Admissions will submit a request to the Academic Dean of the Seminary for a transfer of credit review once a student has submitted all official transcripts and completed an admissions application. No student will receive a transfer of credit review without a completed application to Emmanuel.

The student must submit the following:

1. A list of the courses for which one is requesting transfer of credit along with copy of one's transcript
2. A web link to the graduate catalog or a hard copy of each course description from the transfer school
3. Upon request, the syllabus for each course
4. Upon request, completed assignments from the course

Upon completion of the evaluation of a student's previous course work, a copy of the Transfer of Credit Form indicating awarded courses and a letter from the Academic Dean of the Seminary's Office will be sent to the student by email, unless a hard copy is requested.

Advanced Standing

The Association of Theological Schools allows students to apply for advanced standing of up to one-fourth of the total credits required for a degree program (22 credit hours in the MDiv, 14 credit hours in the MAR, 12 credit hours in the MACM). Advanced standing consideration is available to students whose undergraduate cumulative GPA is 3.0 (on a 4.0 scale) or higher, and where courses being considered received a grade of B or higher. Typically, Advanced Standing is granted when the bachelor's degree is from an accredited institution with a major or minor in Bible, theology, religion, or a ministry field. Upon approval from the Academic Dean of the Seminary in consultation with the faculty, such standing may be assigned:

1. without credit - exempting students from some courses but not reducing the total number of academic hours required for the degree.
2. with credit - reducing the number of hours required for the degree.

Courses completed more than ten years previous will not be considered for Advanced Standing. Field education/internship experience during undergraduate cannot be granted Advanced Standing.

Application for Advanced Standing

Students must request an Advanced Standing evaluation within the first academic year. Normally, Advanced Standing evaluations are not conducted during the Admissions process. Incoming students must have a completed application on file and have received a letter of acceptance before Advanced Standing will be considered. It is the student's responsibility to request an Advanced Standing evaluation from the Academic Services Office. The student must submit the following:

1. A list of courses for which Advanced Standing is being requested
2. A web link to the undergraduate catalog or hard copy of the course descriptions
3. Upon request, a syllabus for the course(s)
4. Upon request, the reviewer may request copies of completed assignments.

The student will then meet with an area faculty member to review the items submitted and discuss options which may or may not include a competency exam. Upon the completion of the evaluation of a student's previous course work, a copy of the Advanced Standing form indicating awarded courses and a letter from the Academic Dean of the Seminary will be sent to the student by email, unless a hard copy is requested.

Advanced Standing in Biblical Languages

Students may apply for Advanced Standing without credit for Greek language requirements by presenting to the New Testament Studies area chair an undergraduate transcript with a grade of "B" or higher for Greek courses taken. Transcript examination, along with an informal interview and possibly a reading session will, in most cases, provide adequate evaluation criteria. Credit is granted by the sole discretion of the NTS area chair.

Students may receive Advanced Standing with credit for Greek upon successful completion of either of the following conditions: (1) After consulting with the area chair, students with Greek on their undergraduate transcripts from an accredited institution may enroll in Intermediate Greek. Upon successful completion of the intermediate course at Emmanuel, these students will automatically receive advanced standing with credit for the beginning-level courses. (2) A student desiring advanced standing with credit for elementary or both elementary and intermediate level languages must complete a competency exam to receive credit for the courses. This exam must be completed in the student's first academic year.

Students may receive Advanced Standing with credit for Hebrew upon successful completion of a competency exam administered by the Old Testament Studies Area Chair and achieve a grade of 75% or higher. This competency exam must be taken and passed before the student may enroll in a course for which Elementary Hebrew is a prerequisite.

Shared Credit in Master Programs

Permission to work simultaneously toward more than one master level degree is granted only by approval of the faculty upon petition by the student through the Academic Dean of the Seminary. The following conditions will apply:

- All requirements for each degree must be fulfilled.
- Not more than one half of either degree may be applied to the other graduate degree program.

The same thesis cannot be submitted for both degrees.

Students who have completed one degree program at either Emmanuel or another institution can transfer no more than half of the credits required for either the initial degree or the second degree program and maintain both degrees.

A student can elect to surrender a degree (from either Emmanuel or another institution) to allow more than one-half of the degree credits awarded to transfer into the second degree program. For students electing to surrender a degree from an institution other than Emmanuel, the following steps should be followed:

1. The student contacts the institution that awarded the initial degree to confirm that the institution will allow the surrendering of the degree.
2. If the awarding school indicates in writing that it will allow the surrendering of the degree, the student asks for confirmation from Emmanuel that the surrendered degree will be applied toward the degree being sought (see "Transfer of Credit," for further information).
3. If Emmanuel will accept the credits from the surrendered degree to be applied toward the new degree being sought, the student sends the actual diploma back to the school that awarded the degree, along with a letter confirming the surrendering of the degree.
4. The student requests in writing that the original awarding school send to Emmanuel the official transcript identifying the credits earned that may then be applied toward the new degree being sought.
5. The receiving school indicates on the student's new transcript the details of the surrendering of the degree from the awarding institution.

Academic Notifications, Probation, and Suspension

Students who fail to achieve the specified GPA requirements will be given a notification at the conclusion of the first semester/term during which they fail to meet the requirements. If a student does not meet the GPA requirement at the end of the next semester/term, the student will be placed on academic probation. After being placed on academic probation, students must meet with the Academic Dean of the Seminary to discuss an academic plan to meet the required GPA. A student must achieve the required overall GPA within one academic year. Students who fail to do so will be suspended. Suspension means the withdrawal of permission to enroll in classes for credit and the termination of any degree candidacy previously conferred.

After a minimum of one semester suspension, students may petition the faculty for permission to re-enroll. Such permission will normally be granted only if evidence presented makes it appear likely the student will maintain the required GPA.

If the student can show extenuating personal circumstances to be the cause of the failure to achieve the GPA needed to lift the probation, he or she may petition the faculty for a one-semester/term extension of the probation. Please see "Financial Aid" regarding policies concerning scholarships and loans as they relate to academic warning, probation, and suspension.

Withdrawal

A student who desires to withdraw from his or her program of study must submit a formal withdrawal statement and obtain the withdrawal checklist from the Academic Dean of the Seminary's Office. A student who has withdrawn from a program and desires to return will need to re-apply to the seminary. Upon acceptance, the student will be assessed the return to program fee and the faculty reserves the right to disallow course work originally included in the student's original degree program but which has since become more than ten years old. In such cases, the student will be required to enroll in equivalent courses at Emmanuel or other institutions approved by the faculty.

Special Scheduled Courses

January, May, and Summer courses

Emmanuel Christian Seminary at Milligan offers a number of special one- or two-week courses during the summer and in January and May. These are designed to offer intensive, specialized study opportunities not often available from the resident faculty in the regular curriculum. These courses are often taught by specialists from the faculties of other seminaries or universities or by persons of unique competence in some aspect of church ministry or missions. Occasionally these courses involve clinical or practicum elements that take place away from the campus.

Summer courses are also offered at other area colleges which can be advantageous to those students who need to make up academic deficiencies in their undergraduate work or who wish to supplement their seminary studies.

Reading Courses

A reading course may be arranged for an especially capable student who wishes to do independent study of a topic that is not available in the regular course offerings of the curriculum. Such a course must be under the immediate direction of a faculty member. The approval process requires that the student obtain a "Request For Reading Course" form from the Academic Dean of the Seminary's Office, on which are to be listed the curriculum area (with the course number 7000), title, number of credit hours, instructor, and a full description of objectives and requirements. This form, signed by the student and the instructor, is then submitted to the Curriculum Committee no later than its last stated meeting prior to the beginning of the term in which the course is to be taken. If it endorses the proposal, the Curriculum Committee will secure the necessary approval from the general faculty.

Having been fully approved, a reading course is included in the registration process at the start of the term as part of the student's regular academic load; tuition, plus the additional reading course fee is charged. The course is graded and is subject to all pertinent academic regulations. Only one reading course may be taken in any term, and the faculty will not usually allow more than one or two reading courses in a degree program (except the Master of Divinity with Concentration).

It is emphasized that reading courses are not approved merely to help students even out the totals of their credit hours in an area, or to alleviate inconveniences in the class schedule. Their primary function is to provide opportunity for advanced study in a subject of special interest.

Online and Distance Education courses

Emmanuel Christian Seminary at Milligan offers hybrid and online courses for the distance education program (Master of Arts in Christian Ministries) and, occasionally, online courses for the MDiv/MAR degrees. Residential students may enroll in online and hybrid courses designed for the Master of Arts in Christian Ministries program with permission from the Academic Dean of the Seminary's Office and the faculty advisor. Students desiring to complete online courses need to have the appropriate access to technology necessary to complete the course. A limit to the number of courses a student may complete online must comply with ATS and SACSCOC standards for residential requirements.

Master Level Curriculum:

An Overview

Students enrolled in Emmanuel Christian Seminary at Milligan have graduated from liberal arts colleges, universities, and Bible colleges. Some enter directly from undergraduate programs, while others have acquired many years of experience in various professions since their college days. Therefore, the degree programs of Emmanuel, while consisting of a common core of requirements, are individually tailored to the needs of each student as much as possible.

At the time of admission, each student is assigned a faculty advisor, whose function is to guide the student in planning his or her academic program each term and to be available as a special counselor in the whole process of maturing for ministry through the seminary experience. The student should remain in close contact with her or his advisor. The faculty advisor is ready to help obtain assistance from other professional resource persons should this be needed. Individual growth is significantly assisted by a general review of each student's progress by the whole faculty annually. The Ministry Resource Center provides mentoring and training throughout the student's program. Graduates continue with Ministry Resource Center support for five years post-graduation.

Requirements

In addition to the other requirements set forth, a minimum cumulative grade point average (GPA) of 2.50 is required for the Master of Divinity degree (MDiv) and for the Master of Arts in Christian Ministries (MACM). A minimum GPA of 3.0 is required for the Master of Arts in Religion degree (MAR).

Entering MDiv and MACM students must achieve an overall GPA of 2.25, and entering MAR students must achieve an overall GPA of 2.50, by the end of their second semester of enrollment. A student who has not formally chosen a degree program will be held to the MDiv requirement.

In subsequent semesters, students must maintain a cumulative GPA of 2.50 (MDiv and MACM) or 3.0 (MAR). For the purposes of this requirement, the cumulative GPA will be calculated at the conclusion of the spring semester in each academic year until the degree is granted.

For information about the transfer of credits from other graduate institutions, or advanced standing based on undergraduate work, see "Transfer" under Admission.

Student Load

Students enrolled in at least 9 credit hours each semester are officially classified as full-time students. No student may enroll in more than 15 credit hours (or 16 during semesters when Field Education is included) unless prior faculty approval is granted upon petition through the Academic Dean of the Seminary.

Grading

Grade	Quality Points	Significance
A	4.0	Outstanding
A-	3.7	
B+	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	
C	2.0	Adequate
C-	1.7	
D+	1.3	
D	1.0	Needs significant improvement
D-	0.7	
F	0.0	Not acceptable
Suggested guidelines for determining the assignment of these grades are as follows:		
S	0.0	Satisfactory; appropriate for mid-term and final grades in a less academic course such as chapel/convocation
P	0.0	Passing; appropriate for mid-term and/or final grades in a more academic course where more definitive passing grades are not appropriate; also used for transfer credits posted for students entering spring 2001 and thereafter; only available for courses that have been approved by Academic Committee for the P/F option
PR	0.0	Progress toward successful completion of requirements for NURS 460
U	0.0	Unsatisfactory; appropriate for mid-term and final grades in a less academic course such as chapel/convocation
AU	0.0	Audit; assigned for mid-term and final grades when student is enrolled for audit only; no credit assigned
W	0.0	Withdrawal
WP	0.0	Withdrawal, passing; assigned when a student dropping the class after the tenth week of classes (or equivalent proportion of the academic term when the term length is other than 15 weeks) has earned a passing average on the work completed so far in the class.
WF	0.0	Withdrawal, failing, and equivalent to an "F"; assigned when a student dropping the class after the tenth week of classes (or equivalent proportion of the academic term when the term length is other than 15 weeks) has earned a failing average on the work completed so far in the class; may also be assigned at any point in the semester in instances of academic dishonesty or other academic infractions.
I	0.0	Incomplete; appropriate only for final grades when there is evidence that a significant event or issue interfered with a student's successful completion of the course; requires the submission of an "Incomplete Contract" to the Registrar's Office. Grades of "I" must be resolved no later than one full calendar year following the semester in Ih the "Incomplete" was originally assigned or prior to graduation, whichever comes first.
NG	0.0	No grade; appropriate for mid-term and/or final grades where there is no basis upon which to assign either a passing or failing grade; is not the fault of the student, but is a course or faculty issue; must be resolved prior to graduation

Grades of "Incomplete," or "I," are given at the end of the semester only when there is evidence that a significant event or issue interfered with a student's successful completion of the course. Faculty assigning a grade of "I" must complete an "Incomplete Contract" and submit it to the Registrar's office. Grades of "I" must be resolved no later than one full calendar year following the semester in which the "Incomplete" was originally assigned.

Classes dropped during the first two weeks (or fourteen calendar days) of the semester (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will not appear on the student's

transcript. Dropping a class requires the signatures of the instructor and the advisor on the schedule change form.

A student may drop a class from the fifteenth calendar day through the tenth week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) only after receiving written consent (i.e., signatures on the dated schedule change form) from the class instructor and the academic advisor. Classes dropped are evaluated with the grade "W." However, the instructor or the Academic Dean of the Seminary has the right to assign a grade of "WF" ("withdrawal, failing, and equivalent to an 'F'") at any point in the semester in instances of academic dishonesty or other academic infractions.

Students dropping a class after the tenth week of classes (or the equivalent proportion of an academic term when the term length is other than 15 weeks) will be assigned by the instructor a grade of "WP" ("withdrawal, passing") or "WF" ("withdrawal, failing, and equivalent to an 'F'"). Dropping a class with a "WP" or "WF" requires the signatures of the instructor and the advisor on the schedule change form. The signed schedule change form must be received in the Registrar's Office before the end of the last day of the term (not including final exam week).

Graduation

Degrees for all graduates are conferred at the end of the spring semester. It is the policy of Milligan University that only students who have completed all degree requirements may participate in graduation ceremonies (requirements may be completed in May or Summer, upon which then the diploma will be released). Each degree-seeking candidate must file the Notice of Intention to Graduate in the Academic Dean of the Seminary's office by February 1. Candidates are certified for graduation by the Academic Dean of the Seminary in consultation with the Registrar.

All fees and other obligations shall be settled two full days before the date on which the degree is to be conferred. All incompletes must be resolved at least two days before commencement. Neither the diploma nor transcripts can be released until all accounts are cleared.

All candidates for degrees are encouraged to take advantage of the placement service in the Ministry Resource Center.

Progressive Evaluation

Students are admitted to Emmanuel Christian Seminary at Milligan with the expectation that they will be able to complete a degree program with academic success and with the personal and spiritual formation necessary to fulfill their ministry or other vocation faithfully. The seminary has a sense of responsibility (1) to students to assist them to develop personally and spiritually so they can minister to others, but also (2) to the churches and other organizations for which students may minister or work following graduation. This requires substantial evaluation of the progress of students in as many facets of their preparation as possible.

To assist students in their academic, personal, and spiritual formation, the seminary faculty will, each spring, assess each student's readiness to continue in pursuit of the stated degree goal. Factors to be considered include grade point average, reports from supervised ministry experiences for MDiv and MACM students, attitudes and behaviors demonstrated in the classroom and community, and other data that may be deemed essential by the faculty.

Students will be informed each year of permission to continue in study. One of four options will be given:

1. continue study in good standing;
2. continue study with additional academic, personal, or spiritual requirements to be met within a designated period of time;
3. continue study without institutional funding and recommendation;
4. denial of continuance in study. In most cases, action 2 would be taken before either action 3 or 4.

Students have the right of appeal as outlined in the student handbook. Nothing in this policy precludes the right of the seminary to take disciplinary action at other times during the school year.

Program Evaluation

Each degree requires summative work measured through its ongoing institutional research and effectiveness processes. Writing requirements and options are listed below.

Summative Research Paper

The summative research paper is a requirement for all MAR students unless they have opted to write a thesis. MDiv students with a concentration may also complete their graduation requirements by submitting a summative research paper. Students should confer with their advisor and follow the instructions delineated in the documents *MAR Summative Research Paper Requirements* and *MAR Program Checklist* located in the office of the Academic Dean of the Seminary.

Thesis or Ministry Project Option

MDiv or MAR students wishing to write a thesis or conduct a field-based ministry project must petition a faculty member to serve as primary advisor for the thesis or project for permission based on previous work and demonstrated writing ability. Note specific requirements or recommendations for particular degree programs. The thesis or ministry project will carry 3 credit hours.

A. Thesis. (3 credit hours) The student investigates in depth a defined question within one of the theological disciplines. The thesis is not expected to make a completely original contribution to the discipline (as is a doctoral dissertation), but it is expected to demonstrate the ability to frame a significant question, to identify and collect the pertinent materials, to evaluate critically the available data and to make sound judgments about the central question, and to present a coherent written account of the investigation and its conclusions in a paper of 50-65 pages, plus bibliography. A formal proposal sufficient to present a definition of the topic, an outline of the expected approach, preliminary bibliography, and expected dates for completion of the thesis, must be submitted to the supervisor who will approve it and in turn inform the faculty. The proposal must then be deposited in the Academic Dean of the Seminary's Office. The thesis committee, comprised of the supervisor and one other person, will conduct an oral examination, which centers on the thesis but may range more widely over the student's whole course of study. The thesis must be completed with a grade of no less than B and carries 3 hours of credit. Students must petition a faculty member to serve as the supervisor to complete a thesis.

B. Field-based ministry project. (3 credit hours) This project consists of the design, accomplishment, and evaluation of a program planned for and conducted in a congregation or other ministry setting. A research design must be submitted for approval to the advisor, who will then inform the faculty. The design is then deposited in the Academic Dean of the Seminary's office. The written project, usually not to exceed 30–35 pages, will provide a theological and biblical context for the project and the description of the implementation and outcomes of the project. A minimum grade of B must be earned. A second reader/evaluator will be appointed, and an oral examination will be conducted. One of the committee members must be a CM faculty member. Students must petition a faculty member to serve as the supervisor to complete a field-based ministry project.

Master of Divinity (M.Div.)

School of Bible and Ministry

The Master of Divinity (MDiv) degree is considered the standard program of ministerial education and is formally required for ordination by many churches. Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Divinity degree aims to provide a breadth of education in all the areas of theological learning, with special focus on pastoral and religious leadership responsibilities in various types of congregational ministry or other Christian settings such as chaplaincy, para-church service, campus ministry, and missions, among others. The MDiv is recommended as the first theological degree for admission to advanced programs oriented to theological research and teaching (such as the DMin).

The Master of Divinity program degree supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

FORMATION:

- Demonstrate a maturing faith, cultivated in the practices of spiritual disciplines, that will articulate convictions persuasively, but with tolerance, humility, and in a spirit of ecumenical cooperation across diverse religions traditions. (Milligan Objective Alignment: Faith; Community)

KNOWLEDGE:

- Demonstrate broad knowledge across the seminary curriculum and competency in a specific area of concentration if so chosen. (Milligan Objective Alignment: Scholarship)

SKILL:

- Engage people and situations with discernment and empathy to provide ministerial leadership in such activities as worship, preaching, teaching, pastoral care, program planning and administration, and community service and mission. (Milligan Objective Alignment: Scholarship; Community)

Core Curriculum: (general MDiv requirements)

The Master of Divinity degree requires the satisfactory completion of 90 credit hours of graduate course work, distributed according to the requirements set forth below:

Christian Ministries (12 hours): CMP elective (with preaching practicum component); one CMSF or CMC elective class; CMM 5030; and one further elective class in the CM area.
Church History (12 hours): CH 5010, 5020, and two elective classes.
Christian Theology (12 hours): TH 5150, 5160, and two elective classes.
Languages/Exegesis (18 hours): NTS 5010, 5020; OTS 5010, 5020; 6 hours of advanced language/exegesis.
New Testament (12 hours): NTS 5150, 5160, 7100, and one elective class (NTS 5010 and 5020 do not apply).
Old Testament (12 hours): OTS 5150, 5160, and two elective classes (OTS 5010 and 5020 do not apply).
Supervised Ministerial Experience (9 hours): CMSF 5010, SME 6150, SME 6160, SME 6950, and CMSF 7050 (must be taken in sequence).
General Elective, Thesis or Field-based Project (3 hours): See advisor for options (thesis and ministry project are by petition only).

Note: Students who enter having completed some or all of the language requirements may use those hours as electives in any area or may apply for advanced standing. Please see the "Admissions" section for more information.

Special Master of Divinity Tracks

Although the standard MDiv program is recommended for most students preparing for ministerial service, concentration options are available for students who would like to specialize in a specific area of study.

With Concentration

In some cases, students may be permitted to distribute the hours required for the Master of Divinity degree in such a way as to allow them to concentrate more in one area of study than would otherwise be possible. The educational goals remain the same as for the standard MDiv. This track may be especially desirable for students planning further graduate studies.

Admission to this program is by petition to the faculty and requires the following:

- Evidence (ordinarily transcripts) showing that the student has done undergraduate theological study of sufficient quantity and quality to warrant a decrease in the size of the normal MDiv area core requirements.
- Completion of 30 hours of graduate theological study with a grade point average of 3.5 or higher (2.5 or higher for CM area concentrations).
- Demonstration of the capacity for independent study.
- Recommendation by the student's academic advisor and the chair of the area of concentration as well as approval by the faculty.

This track requires the satisfactory completion of 90 credit hours of graduate study. The 90 hours shall be distributed as follows:

Core Requirements for all Concentrations

Christian Ministries (9 hours): CMP elective (with preaching practicum component); one CMSF or CMC elective class; CMM 5030; and one further elective class in the CM area.
Christian Theology (9 hours): TH 5150, 5160, and one elective class.
Church History (9 hours): CH 5010, 5020, and one elective class.
Languages/Exegesis (18 hours): NTS 5010, 5020; OTS 5010, 5020; 6 hours advanced language/exegesis.
New Testament (9 hours): NTS 5150, 5160, and one elective class (NTS 5010 and 5020 do not apply in this Area).
Old Testament (9 hours): OTS 5150, 5160, and one elective class (OTS 5010 and 5020 do not apply in this Area).
Supervised Ministerial Experience (9 hours): CMSF 5010, SME 6150, SME 6160, SME 6950 or CMC 7210, and CMSF 7050 (taken in sequence).
Concentrations/Electives
Concentration (15 hours): Five classes chosen from the Area of concentration in addition to the hours required in that Area (see suggested courses, below).
Additional Elective in Concentration Area, Thesis, or Field-based Project (3 hours): See advisor for options. Thesis and ministry project are by petition only.

Note: Students who enter having completed some or all of the language requirements may use those hours as electives in any area or may apply for advanced standing. Please see Admissions section for more information.

Concentrations

Christian Ministries: CM

The MDiv with a concentration in Christian Ministries allows students to prepare for a variety of ministry positions by providing additional elective opportunities in some or all of the following Christian Ministry specializations: Christian Care and Counseling (CMC), Preaching (CMP), Christian Spiritual Formation(CMSF), World Mission (CMM), Church Administration (CMA), and Christian Worship (CMW).

Christian Theology: TH

The MDiv with a concentration in Christian Theology allows students the opportunity for additional course work in the area of contemporary

Christian theology, drawing upon the rich theological resources of the Christian tradition across cultures. Sample of courses for TH concentration: TH 5160, 6210, 6220; 6710 or 7010; 6510 or 7950, and elective. Other courses in the area may be substituted by approval of the Area Chair.

Church History: CH

The MDiv with a concentration in Church History allows students to further study the formation of Christian identity and ecclesial life in the light of the apostolic witness of the New Testament and the shaping influences of twenty centuries of history. This concentration is traditionally pursued by those planning further graduate studies in the field of church history. Sample of courses for CH concentration: 6010 or 6630; 6020 or 6520; 6620 or 6810; NTS 7100 or CH 7000, and elective. Other courses in the area may be substituted by approval of the Area Chair.

Historical Theology: HT

The MDiv with a concentration in Historical Theology is traditionally pursued by those planning further graduate studies in historical theology. The curriculum emphasizes breadth across the Christian Theology and Church History areas by redistributing electives from other areas. Electives for this concentration can be courses in either Christian Theology or Church History. Sample of courses for HT (Historical Theology) concentration: CH 6010 or 6630; 6020 or 650; 6620 or 6810; TH 5160, 6320, 6310 or 6510, TH or CH 7000, and other electives. Other courses across both areas may be substituted by approval of the Area Chairs for Church History and Christian Theology.

New Testament: NTS

The MDiv with a concentration in New Testament is traditionally pursued by those planning further graduate studies in the field of New Testament. The NTS area offers advanced study of the writings of the New Testament, their language, social-historical background, literary features, and theology. Sample of courses for NTS concentration for students entering without Greek: NTS 7100, 6010, 6020, 6050, and an exegesis course. Other courses in the area may be substituted by approval of the Area Chair.

Sample of courses for NTS concentration for students entering with Greek: NTS 6010 and 6020 (replace language requirements in the core), 6050, 6080, one course from 6090 through 6210, or 6350; 7100, elective, and OTS 7090. Other courses in the area may be substituted by approval of the Area Chair.

Old Testament: OTS

The MDiv with a concentration in Old Testament is traditionally pursued by those planning further graduate studies in the field of Old Testament. The Old Testament area offers advanced study of the books of the Hebrew Bible/Old Testament, including their text and language, social-historical background, literary character, and theology. Sample program of courses for OTS concentration for students entering without Hebrew: OTS 6010, 6020, 6210, 7090, and an exegesis course. Other courses in the area may be substituted by approval of the Area Chair.

Sample program of courses for OTS concentration for students entering with Hebrew: OTS 6010 and 6020 (replace 5010 and 5020 in languages), 6100, 6210, 7090, exegesis course, and one additional elective. Other courses in the area may be substituted by approval of the Area Chair.

Concentrations with Specialized Vocational Ministry Emphasis

Christian Care and Counseling (CMC)

The MDiv with a concentration in Christian Care and Counseling offers students the skills and understandings that are grounded in Bible and theology, shaped by the mission of the church, informed by the historic practices of the church, and conversant with the social sciences as they pertain to a ministry of care and counseling.

Admission to this track requires a declaration at time of admission or petition to the faculty. In addition to achieving the educational goals stated for the standard MDiv, the student who successfully completes this concentration should be able to:

1. Understand the meaning of Scripture as it relates to the ministry of Christian care and counseling.
2. Relate the practices of Christian care and counseling to the essential practices and theological understandings of the church.
3. Articulate a philosophy of Christian care and counseling that contributes to the church's mission.
4. Locate the ministry of Christian care and counseling within the history of the church and particularly within the Stone-Campbell tradition.
5. Critically appraise the contributions of the social sciences to the practice of Christian care and counseling.
6. Assess people and situations accurately with a view to a genuine ministry of Christian care and counseling.
7. Implement and administer a ministry of Christian care and counseling within the local congregation.

The MDiv with a CMC concentration requires the satisfactory completion of 90 credit hours of graduate course work. The requirements follow the MDiv with a concentration template listed above with 15 additional hours in CMC.

Sample of courses for CMC concentration: CMC faculty will assist student in identifying CMC elective courses appropriate for concentration.

Christian Spiritual Formation (CMSF)

The CMSF concentration offers students a professional course of study in Christian spiritual formation that is strongly grounded in the Bible and theology, contemporary knowledge of human development, and the history and practice of Christian spirituality. Admission to this concentration requires the following: declaration at time of admission or petition to the faculty.

In addition to achieving the goals for the standard MDiv, the student who successfully completes this concentration will

1. Demonstrate knowledge of the history and theology of Christian spiritual formation in Scripture, the Christian church generally, and the Stone-Campbell tradition;

2. Identify and explain core elements of holistic Christian spirituality, including the role of individual and communal spiritual practices, the place of the body in Christian spirituality, and the goal of Christian spirituality as the formation of the whole person's fundamental character and orientation to the world;

3. Demonstrate commitment to and capacity for nurturing one's own spiritual formation;

4. Function professionally to discern the spiritual needs of and provide guidance and support for spiritual formation to individuals and communities;

5. Apply principles of Christian spiritual formation by developing and administering programs that cultivate formation in the local church and in other communal and organizational settings.

The MDiv with a CMSF concentration requires the satisfactory completion of 90 credit hours of graduate course work. The requirements follow the MDiv with a concentration template listed above with 15 additional hours in CMSF and 3 hours in a related elective, as follows: Four courses chosen from among CMSF 6020, 6040, 6120, 6140, 6510, and 7930, and one elective from among CMC 5010, CH 6050, TH 6220 and TH 6610.

World Mission (CMM)

This concentration track is designed to provide special preparation for participating in the mission of the church to the world, especially in a cross-cultural environment. Admission to this concentration requires a declaration at time of admission or petition to the faculty.

In addition to achieving the goals set out for the standard MDiv, the student who successfully completes this course of study should be able to:

1. Describe how the universal gospel and the mission of the church flow from the mission of God to save the whole world, according to the scriptures.
2. Discern how, in the scriptures and the Stone-Campbell tradition, the mission of the church to the world is linked to the unity of the whole church.
3. Critique prevalent views of the world and articulate an understanding based on the scriptures instead.
4. Analyze relevant dimensions and features of that specific context in the world in which he or she is called to serve.
5. Discern the ways in which the Holy Spirit is already at work in that context.
6. Learn the language and culture of that context effectively and respect the language, the culture, and the people of that context.
7. Establish personal relationships in that context.
8. Develop appropriate methods of work and a specific formulation of the gospel for that context, in dialogue with the local people.

The MDiv with a CMM concentration requires the satisfactory completion of 90 credit hours of graduate course work. The requirements are as follows:

- *Christian Ministries* (9 hours): CMP elective (with preaching practicum component); CMSF 6020 or 6040; one CM elective
- *Christian Theology* (9 hours): TH 5150, 5160, and 5310
- *Church History* (9 hours): CH 5010, 5020, and 6610 or 6620 or 6630
- *Languages/Exegesis (1*8 hours): NTS 5010, 5020; OTS 5010, 5020; 6 hours advanced language/exegesis.
- *New Testament* (9 hours): NTS 5150, 5160, and one elective class (NTS 5010 and 5020 do not apply in this Area).
- *Old Testament* (9 hours): OTS 5150, 5160, and one elective class (OTS 5010 and 5020 do not apply in this Area).
- *Supervised Ministerial Experience* (9 hours): CMSF 5010, SME 6150, SME 6160 (in approved cross-cultural setting), SME 6950, and CMSF 7050 (taken in sequence).
- *World Mission* (15 hours): CMM 5030, 5410, and three CMM electives chosen in conference with faculty.
- *Additional Elective in Concentration Area, Thesis, or Field-based Project* (3 hours): See advisor for options. Thesis and ministry project are by petition only.

Progression

After a student has been admitted to Emmanuel Christian Seminary at Milligan, the progression toward the Master of Divinity degree is as follows:

Junior Year: 1–30 Credit Hours

1. Completion of orientation.
2. Successful completion of any examinations toward advanced academic standing.
3. Enrollment in as many as 30 credit hours of course work as approved by faculty advisor.
4. Formal faculty approval of continuation of studies beyond 30 credit hours on the basis of annual student review.

Middler Year: 31–60 Credit Hours

Continuation of classes.

1. Presentation of a proposed degree program to the academic advisor by the end of the eighth week of the semester during which at least 60 credit hours are being completed. When approved by the academic advisor, the degree program is then submitted by the student to the Academic Dean of the Seminary's Office for approval by the faculty.
2. If a student has elected, petitioned, and been granted permission for a thesis or field-based project, he/she should submit a written thesis or field-based project proposal to the designated advisor for approval. The advisor-approved proposal is to be submitted by the student to the Academic Dean of the Seminary before the end of the twelfth week of the semester during which at least 60 credit hours are being completed.
3. Faculty approval of the degree program and acceptance by the Academic Dean of the Seminary of the advisor-approved senior project proposal (when applicable) confer upon the student the official status of degree candidate. Any subsequent change of senior project advisor or program requires formal petition to the faculty through the Academic Dean of the Seminary. Faculty approval of the degree program will be based not only on the adequacy of the academic program and the student's academic performance, but also on the demonstration of moral character and maturity.

Senior Year: 61–90 Credit Hours

1. Completion of the thesis, summative research paper, or field-based project, if elected and approved. This includes first draft, oral examination, and deposit of the final draft of the project.
2. Note: If the senior project is completed in the fall semester and if the choice is a thesis or field-based project, the first draft is due the first Friday of fall classes. The final oral examinations on all projects must be completed by end of the first week in December. The final copy of the project must be deposited in the Academic Dean of the Seminary's Office and forms completed by the last day of the semester. The same order prevails during the spring semester if the student plans to complete enrollment in the summer or fall terms (i.e., first draft by the first Friday in February, examination completed by the end of the first week in May).
3. Recommendation by the faculty and approval by the Board of Trustees for the bestowal of the degree.
4. Deposit of two final copies of the thesis or field-based project with the appropriate approval form, in the Academic Dean of the Seminary's Office no later than two weeks prior to Commencement (if this option was approved by petition).
5. Settlement of all accounts as certified by the Coordinator of Student Accounts no later than one week preceding Commencement.

GPA Requirements

A minimum cumulative grade point average of 2.50 is required for the Master of Divinity degree without a concentration or concentration in one of the CM areas. A minimum cumulative grade point average of 3.50 is required for the Master of Divinity with a concentration in Christian Theology, Church History, Historical Theology, New Testament, and Old Testament.

Time Limit

All requirements for the Master of Divinity degrees must be completed within seven years after initial enrollment in Emmanuel Christian Seminary at Milligan. The faculty may grant an extension of one year when a degree candidate presents a petition through the Academic Dean of the Seminary; in some cases, the faculty may attach conditions to the granting of an extension. The faculty reserves the right to disallow course work originally included in the approved degree program but which has since become more than ten years old. In such cases, the student will be required to enroll in equivalent courses at Emmanuel or other institutions approved by the faculty. Students who have completed all course requirements except the thesis must pay a continuation fee each semester until the thesis is completed and degree is granted.

Accelerated BA+MDiv Plan

Highly motivated students interested in pursuing seminary after college can save a year of classes and tuition by completing both a bachelor's degree from Milligan University and a Master of Divinity (MDiv) from Emmanuel Christian Seminary at Milligan in just six years. With faculty approval, students on this path complete the following 30 hours of coursework at the seminary (with the exception of Greek) during their final two years as undergraduates: Elementary and Intermediate Greek (12 hrs); Elementary Hebrew (6 hrs); Old Testament Introduction (6 hrs); and New Testament Introduction (6 hrs). Undergraduate students must have a major in the Area of Biblical Studies. *Approval to declare the M.Div. accelerated plan is not a guarantee of admission to the M.Div. program.*

Master of Arts in Christian Ministries (M.A.C.M.)

School of Bible and Ministry

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the 48 credit hour Master of Arts in Christian Ministries (MACM) degree seeks to further equip students for ministries in pastoral leadership in local churches and ministry settings. The degree program blends online and on-campus learning for students who are not able to participate in the residential Master of Divinity program. The program will offer opportunities for spiritual formation and growth, mentored ministry experience, opportunities to develop specific skills in ministry with attention to the student's own ministry contexts, and the development of a network of peers for on-going learning and mentoring. Courses will offer instruction in Scripture, theology, and history of the Christian tradition with special attention to the Stone-Campbell tradition.

The Master of Arts in Christian Ministry degree supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will:

FORMATION:

- Demonstrate spiritual maturity through growth in one's faith, moral integrity, and public witness. (Milligan Objective Alignment: Faith; Community)

KNOWLEDGE:

- Demonstrate basic knowledge across the theological disciplines, with enhanced and current knowledge of Christian ministries. (Milligan Objective Alignment: Scholarship)

SKILL:

- Design, implement, and maintain ministries, through preaching, teaching, writing, and training others, with attention to the broader social and cultural context in which ministry is performed. (Milligan Objective Alignment: Scholarship; Community)

Core Curriculum

The Master of Arts in Christian Ministries requires satisfactory completion of 48 credit hours of graduate course work distributed according to the requirements set forth below:

- Biblical Studies (15 hours): BIBL 5007, OTS 5107, NTS 5107, OTS 7097, NTS 6107
- Church History and Christian Theology (12 hours): TH 5157, TH 5167, CH 5017, CH 5027
- Christian Ministries (15 hours): CMSF 6027, CMC 5017, CMA 6027, CMM 5037, CMP 6027
- Spiritual Formation and Mentored Ministry Experience (6 hours): CMSF 5017, SME 6157, CMSF 7157

Progression

After a student has been admitted to the Master of Arts in Christian Ministries degree program, the progression toward the degree is as follows:

Junior Year: 1-16 Credit Hours

1. Completion of orientation.
2. Successful completion of any examinations toward advanced academic standing.
3. Enrollment in fourteen hours of course work as approved by faculty advisor.
4. Formal faculty approval of continuation of studies on the basis of the progressive student evaluation.

Middler Year: 16-31.5 Credit Hours

1. Continuation of classes.
2. Presentation of proposed degree program by the end of the eighth week of the semester during which at least 30 credit hours are being completed. When approved by the academic advisor, the degree program is then submitted by the student to the Academic Dean of the Seminary for approval by the faculty.
3. Faculty approval of the degree program to confer upon the student the official status of degree candidate. Faculty approval of the degree program will be based not only on the adequacy of the academic program and the student's academic performance, but also on the demonstration of moral character and maturity.

Senior Year: 31.5-48 Credit Hours

1. Recommendation by the faculty and approval by the Board of Trustees for the bestowal of the degree.
2. Settlement of all accounts as certified by the Coordinator of Student Accounts no later than one week preceding commencement.

Grade Point Average

A minimum GPA of 2.5 is required for the Master of Arts in Christian Ministries degree.

Time Limit

All requirements for the Master of Arts in Christian Ministries degree must be completed within five years after initial enrollment in Emmanuel Christian Seminary at Milligan. The faculty may grant an extension of one year when a degree candidate presents a petition through the Academic Dean of the Seminary; in some cases, the faculty may attach conditions to the granting of an extension. The faculty reserves the right to disallow course work originally included in the approved degree program but which has since become more than ten years old. In such cases, the student will be required to enroll in equivalent courses at Emmanuel or other institutions approved by the faculty.

International Students and the MACM Program

Students on an F-1 visa cannot enroll in the MACM program because the SEVP (Student and Exchange Visitor Program) does not allow enrollment in programs that are offered solely online. An F-1 student can enroll in only one online course that is a part of the student's full-time load for any given semester/term.

Graduate Certificate in Christian Ministries

The Graduate Certificate in Christian Ministries is a 16-hour curriculum that provides foundational competencies and professional development for Christian ministry. The curriculum spans the seminary's core learning areas and includes courses in pastoral, biblical, theological, and historical study. Certificate courses are approved by the Association of Theological Schools (ATS) and can be applied to the low-residency Master of Arts in Christian Ministries (MACM), and when applicable other degree programs at Emmanuel Christian Seminary at Milligan (MAR, MDiv), or degree programs at other ATS accredited theological schools.

Graduate certificate courses are fully on-line, offered one at a time, and designed for students continuing in full-time ministry or other employment. Residential courses may also be applied where applicable. The Certificate may be completed over 18 months or spread out over several years. Graduate certificate students are eligible for select institutional scholarships (Stone Campbell and Church Match), but not federal funding.

The Certificate is designed to provide ATS-approved graduate courses for continuing education for foundational competencies for ministry, recognizing that many students are not in a position to enroll fully in a graduate seminary degree program. The courses provide both academic breadth and flexibility in elective offerings. Students may apply to substitute hybrid courses with residential components for the normal online course offerings as listed below. All class are 3 credit hours with the exception of CMSF 5017, which is 1 credit hour.

Students who have begun the Certificate program and desire to matriculate into the regular MACM program are normally required to complete 17 credit hours, submit a short application, and have an approval from the Admissions committee.

Note: Graduate residential courses may also be appliced to the Certificate provided the 16 credit hours represent a similar breadth across the seminary's pastoral, biblical, theological, and historical learning areas.

Graduate Certificate Required Courses:

Spiritual Formation (1 hrs) CMSF 5017 Introduction to Seminary Studies

Bible (3 hrs) BIBL 5007 Introduction to Biblical Studies

Church History (3 hrs) CH 5027 The Church and the Stone Campbell Movement **OR**
CH 5017 Christian CH Tradition and Mission

Theology (3 hrs) TH 5157 Introduction to Theology **OR**
TH 5167 Christological Principles for Ministry

Christian Ministries (6 hrs) CMM 5037 Introduction to Christian World Mission ***AND/OR***
CMA 6027 Ministry Team Dynamics **AND** Leadership ***AND/OR***
CMSF 6027 Spiritual Formation and the Ministry of Teaching

Alternate Courses:

NTS 5107 New Testament Writings [4-day residency] or OTS 5107 Old Testament Writings [on-line] may be taken as an alternate to BIBL 5007 by petition.

CMP 6027 Biblical Preaching [4-day residency] or CMC 5017 Personal Identity in Pastoral Care [4-day residency] may be taken as an alternate to any of the listed Christian Ministries courses.

Master of Arts in Religion (M.A.R.)

School of Bible and Ministry

Many people are called to ministries or vocations that challenge them to become skilled researchers and effective scholarly writers. Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Master of Arts in Religion (MAR) degree is designed to provide a straightforward understanding of the theological disciplines for further graduate or post-graduate studies or other educational purposes. The program is often well suited for non-ordained church leaders, teachers, and other Christian professionals who desire to further develop a solid biblical and theological understanding in their fields of service. The MAR permits a student to study in some depth in one of the following five areas: Christian Theology, Church History, Historical Theology, Old Testament, or New Testament. At the same time, the polity of Christian Churches and Churches of Christ makes it likely that some graduates with this degree may find themselves called upon at some future time to exercise preaching, teaching, or other ministerial skills. For that reason, six credit hours from the Christian ministries area are required for MAR students.

The Master of Arts in Religion degree supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1-2) by preparing graduates who will: :

FORMATION:

- Demonstrate a commitment to personal spiritual formation and to the mission and life of the church. (Milligan Objective Alignment: Faith; Community)

KNOWLEDGE:

- Demonstrate broad knowledge across the theological disciplines and competency in a specific area of concentration. (Milligan Objective Alignment: Scholarship)

SKILL:

- Conduct, evaluate, and communicate (in oral and written English) graduate level research in a chosen area of concentration. (Milligan Objective Alignment: Scholarship)

Core Curriculum

The Master of Arts in Religion degree requires the satisfactory completion of 58 credit hours of graduate study, distributed as follows:

Core Requirements for all Concentrations:

- Christian Ministries (3 hours): elective from CMP elective (with a preaching practicum) or CMSF 6020 or 6040
- Christian Theology (3 hours): TH 5150 or TH 5160.
- Church History (3 hours): CH 5010.
- Languages (12 hours): OTS 5010, 5020; NTS 5010, 5020.
- New Testament (6 hours): NTS 5150, 5160.
- Old Testament (6 hours): OTS 5150, 5160.
- Spiritual Formation (4 hours): CMSF 5010 and CMSF 7050

Concentration/Electives:

- Concentration: 15–18 hours in Area of Concentration
    - Elective (3) hours for OTS and NTS concentration (may be taken in any field other than concentration).
- Additional Elective or Thesis in Area of Concentration: (3 hours) Thesis is by petition only.

Note: Students who enter having completed some or all of the language requirements may use those hours as electives in any area or may apply for advanced standing. Please see Admissions section for more information.

Concentrations:

Christian Theology: (TH)
Sample of courses for TH concentration: TH 5160, 6210, 6220; 6710 or 7010; 6510 or 7950, and elective. Other courses in the area may be substituted by approval of the Area Chair.

Church History: (CH)
Sample of courses for CH concentration: 6010 or 6630; 6020 or 6520; 6620 or 6810; NTS 7100 or CH 7000, and elective. Other courses in the area may be substituted by approval of the Area Chair.

Historical Theology: (HT)
Sample of courses for HT concentration: CH 6010 or 6630; 6020 or 6520; 6620 or 6810; TH 5160, 6320, 6310 or 6510, TH or CH 7000, and other electives. Other courses across both areas may be substituted by approval of the Area Chairs for Church History and Christian Theology.

New Testament: (NTS)
Sample program of courses for NTS concentration for students entering without Greek: NTS 7100 6010, 6020, 6050, and an exegesis course. Other courses in the area may be substituted by approval of the Area Chair.

Sample of courses for NTS concentration for students entering with Greek: NTS 6010 and 6020 (replace language requirements in the core), 6050, 6080, one course from 6090 through 6210, or 6350; 7100, elective, and OTS 7090. Other courses in the area may be substituted by approval of the Area Chair.

Old Testament: (OTS)
Sample program of courses for OTS concentration for students entering without Hebrew: OTS 6010, 6020, 6210, 7090, and an exegesis course. Other courses in the area may be substituted by approval of the Area Chair and the Academic Dean of the Seminary.

Sample program of courses for OTS concentration for students entering with Hebrew: OTS 6010 and 6020 (replace 5010 and 5020 in languages), 6100, 6210, 7090, an exegesis course, and one additional elective. Other courses in the area may be substituted by approval of the Area Chair.

Progression

After the student has been admitted to Emmanuel Christian Seminary at Milligan, the progression towards the Master of Arts in Religion degree is as follows:

Junior Year: 1–29 Credit Hours

1. Completion of orientation.
2. Successful completion of all required entrance and proficiency examinations and any examinations toward advanced academic standing.
3. Enrollment in as many as 30 credit hours of course work as approved by the faculty advisor.
4. Completion of first year requirements for the Summative Research Paper
5. Formal faculty approval of continuation of studies beyond 30 credit hours on the basis of annual student review.
6. Presentation of a proposed degree program to the academic advisor by the end of the eighth week of the semester during which at least 29 credit hours are being completed. When approved by the academic advisor, the degree program is then submitted by the student to the Academic Dean of the Seminary for approval by the whole faculty.
7. If a student has elected, petitioned, and been granted permission for a thesis, he/she should submit a written thesis proposal to the designated thesis advisor for approval. The advisor-approved proposal is to be submitted by the student to the Academic Dean of the Seminary before the end of the twelfth week of the semester during which at least 29 credit hours are being completed.
8. Faculty approval of the degree program and acceptance by the Academic Dean of the Seminary of the advisor-approved thesis

proposal (when applicable) confer upon the student the official status of degree candidate. Note that any subsequent change of thesis advisor or program requires formal petition to the faculty through the Academic Dean of the Seminary. Faculty approval of the degree program will be based not only on the adequacy of the academic program and the student's academic performance, but also on the demonstration of moral character and maturity.

Senior Year: 30–58 Credit Hours

1. Continuation of classes.
2. Completion of Summative Research Paper
3. If elected, petitioned, and approved, present to the thesis advisor of the complete first draft of the thesis in acceptable form by the end of the first week of the spring semester of the year during which the student expects to graduate (or the first week of the fall semester if the student wishes to have the oral examination during the fall semester).
4. Completion of the final draft of the thesis as approved by the thesis advisor and reader and submission to the Academic Dean of the Seminary of two copies by Tuesday of the ninth week of the semester.
5. Certification by the thesis committee of the final approval and acceptance of the thesis following satisfactory performance in the oral examination. Oral examinations must be completed by December 1 or May 1, depending on the semester.
6. Recommendation by the faculty and approval by the Board of Trustees for the bestowal of the degree.
7. Deposit of two final copies of the thesis, with the appropriate approval form, in the Academic Dean of the Seminary's Office no later than two weeks prior to commencement (if this option was approved by petition).
8. Settlement of all accounts as certified by the Coordinator of Student Accounts no later than one week preceding commencement.

GPA Requirements

A minimum GPA of 3.0 is required for the Master of Arts in Religion degree.

Time Limit

All requirements for the degree must be completed within five years after initial enrollment in Emmanuel Christian Seminary at Milligan. The faculty may grant an extension of one year upon a degree candidate's petition through the Academic Dean of the Seminary; in some cases, the faculty may attach conditions to the granting of an extension. The faculty reserves the right to disallow course work originally included in the approved degree program but which has since become more than ten years old. In such cases, the student will be required to enroll in equivalent courses at Emmanuel or other institutions approved by the faculty. Students who have completed all course requirements except the thesis must pay a continuation fee each semester until the degree is granted.

Doctor of Ministry (D.Min.)

School of Bible and Ministry

Introduction

Based upon Milligan University's mission "to honor God by educating men and women to be servant-leaders," the Doctor of Ministry (DMin) degree has been developed to meet the needs of the practice of Christian ministry as an increasingly complex and demanding task. Although the standard pre-ministerial educational program (Master of Divinity) already includes substantial credit hours beyond the baccalaureate, many ministers express a desire for a disciplined program of continuing education that will enable them to integrate their practical learnings in ministry with additional advanced-level course work and collaborative interaction with peers and faculty experts.

Increasing religious pluralism in the United States and Canada, the expansion of world religions, and the globalization of theological education call for more breadth and depth in the education of Christian leaders. Emmanuel Christian Seminary at Milligan is committed to the world mission of the church. Thus, it offers the Doctor of Ministry degree with a concern for addressing the need for the continuing education among leading servants within the church.

Objectives

The Association of Theological Schools in the United States and Canada considers the Doctor of Ministry degree to be "the highest earned degree for the profession and practice of ministry." The Doctor of Ministry presupposes an earned master's degree in a ministry-related area and significant ministry experience and, hence, is designed for those seeking to enhance their ministry and their knowledge and competencies requisite for this degree and its goals. The Emmanuel degree is specifically designed to strengthen the student's general practice of ministry. The purpose of the Emmanuel DMin degree is to increase the student's competence to an advanced level in all phases of ministry. The Doctor of Ministry degree supports Milligan University's institutional outcomes in scholarship, community, and faith (see pages 1 & 2) by preparing graduates who will:

SKILL:

- Demonstrate an advanced understanding and integration of specific acts of ministry in the light of the Bible, church history, Christian theology, and the pastoral disciplines. (Milligan Objective Alignment: Scholarship)
- Articulate a comprehensive and critical theory of ministry that will enhance both their self-understanding and practice of ministry, with their ability to analyze community dynamics, all while continuing to engage in ministry wherein the theory is assessed by practice and practice by theory. (Milligan Objective Alignment: Faith; Community; Scholarship)
- Demonstrate an enhanced ability to prepare and motivate others in ministry as the term "doctor" (teacher of teachers) suggests. (Milligan Objective Alignment: Scholarship; Community)

Admission

On the basis of guidelines issued by The Association of Theological Schools in the United States and Canada, admission to doctoral level programs at Emmanuel Christian Seminary at Milligan is granted on the basis of the following criteria:

1. An earned master's degree in a ministry-related area from an institution accredited by the Association of Theological Schools.
2. Evidence of academic, personal, and spiritual preparation that demonstrate potential for making a contribution to church and society.
3. Evidence of capability for continued graduate-level studies, having developed to a satisfactory degree the ability to think independently, to communicate effectively, and to research adequately – as indicated in writing up a critical incident from ministry experience.
4. A broad undergraduate education with a strong general education core is desirable.

Emmanuel welcomes qualified students regardless of age, race, sex, disability, color, or national or ethnic origin. Admission is open to qualified students from any church body or theological tradition.

Provisional Status

The Admissions Committee will determine any deficiencies and will specify how they are to be made up. Students with such deficiencies may be admitted provisionally, but restricted as to the number of Emmanuel Christian Seminary at Milligan courses they may take until the requirements are met. No student can apply for degree candidacy while on provisional admittance status.

Students who do not hold a a master's degree from an ATS accredited school should contact the DMin Director or Academic Dean of the Seminary's Office to be considered for admission to the program.

Application for Admission

Applicants for admission must submit the following materials in support of the Standards for Admission:

- A completed application
- A five-page, double-spaced description of a critical incident (see description, below) in your ministry. This small project should indicate how you view ministry and how you put those views into practice. A description of this requirement will be found in the next section.
- The non-refundable application fee of $30
- Official transcripts from all undergraduate and graduate institutions attended
- Completed references from two different people
- International students should see the additional requirements listed on page 213. In addition, the Seminary requires a $500 deposit.

An application should be received no later than eight weeks before the residential week of class for which the applicant wishes to enroll.

For further information or to schedule a campus visit, please contact the Director of Admissions by mail: PO Box 550, Milligan, TN 37682; phone: 423.461.1535; or email: ECSadmissions@milligan.edu. Administrative offices are open Monday through Friday, 8:00 am to 5:00 pm (EST).

Critical Incident

A critical incident in ministry represents a situation in which the student has been involved personally that required a considered judgment or action. Writing and reflecting on this incident and the response to it will reveal the theological issues raised by the encounter. The exercise will also say something about personal strengths for ministry, as well as the insights that may contribute to change and personal development.

The requirements for this part of the admissions packet are as follows:

1. Write the incident in no more than five pages, double-spaced. Be discreet, use initials instead of names; change the initials if that is best. Concentrate on the critical information.
2. State the pertinent details leading up to the situation. Describe any feelings or expectations before the incident took place. Indicate which persons or pressures shaped the event.
3. Describe what happened. Be objective. Report as much detail as possible. Remember that quotations of important statements give flavor to the event.
4. State what was learned as a result of this event. Talk about feelings and insights. Include their relevant comments from other people. Reflect on four areas:

a. Describe the effect this incident had on your personal identity. Indicate what was learned about self and how personality had an effect on the situation.
b. State how this event influences your sense of calling or vocation. Describe what skills and competencies were used well and others which need to be developed.
c. Indicate which theological issues were raised by this event and how those issues influenced the outcome.
d. Describe the ways in which this incident touched spiritual development, as well as what strengths and weaknesses it uncovered.

5. Integrate these findings into a conclusion that will be of help in the future. Indicate the resources used in the incident and how you made sense of the event. Describe the aspects you did not anticipate and what you might do differently if a similar incident arose.

Transfer of Credit

Students may apply for transfer of credit from another accredited DMin program. Usually the transfer is granted, but it is not automatic. Hours applied to a different degree, such as the Th.M., normally cannot be applied to the DMin. No more than 18 credit hours can be granted for work taken in a DMin program at another institution. At least 12 credit hours of class work and the DMin project must be completed within the Emmanuel Christian Seminary at Milligan curriculum.

Program Description and Requirements

Program Design

A total of 36 credit hours is required for the Doctor of Ministry degree. Twenty-nine (29) credit hours are comprised of four (4) required ministry courses, and five (5) elective courses in Church History, Theology, New Testament, Old Testament, Ministry and Spiritual Formation. Seven (7) credit hours are given for the completion of a Final DMin Project.

Project

The culmination of the students' study in the DMin program involves a final project in which the student, working closely with other students and a faculty adviser designs, conducts, and evaluates a specific aspect of ministerial practice. The rationale behind the project requirement is that some of the best theology available to the church can and should be produced by those deeply involved in ministry. Its purpose is to show that well-thought-out, well-written studies of important themes in ministry can arise out of the cooperative efforts between seminary and congregation or other church institutions. It should contribute to the understanding and practice of ministry, show a strong integration of the two, and be both conceived and written in such a way that the information within it can be transferred from its close attention to a particular context into another and different one.

Core Curriculum

The Doctor of Ministry requires satisfactory completion of 36 credit hours of doctoral graduate course work distributed according to the requirements set forth below:

• Christian Ministries (14 hours):

CMSF 8000 Spiritual Formation for Christian Ministry (3 hours) • Three courses in Practical Ministries (9 hours) • Two courses Ministry Formation Cohort (2 hours)

• Elective Courses (15 hours):

New Testament (3 hours), Old Testament (3 hours), Church History (3 hours), Theology (3 hours), Ministry (3 hours).

• Final Doctor of Ministry Project (7 hours):

CM 8000 Project Design, Methodology, and Project Proposal (3 hours)
CM 8300 Final Project and Presentation (4 hours)

Progression

After a student has been admitted to the Doctor of Ministry degree program, the progression toward the degree is as follows:

Year One: (1-10 hours)

1. Enrollment in 9 hours of course work as approved by the faculty advisor.
2. Enrollment in CMSF 8100 (1 hour Ministry Cohort.)

Year Two: (11-20 hours)

1. Enrollment in 9 hours of course work as approved by the faculty advisor.
2. CMSF 8100 (1 hour Ministry Cohort.)

Year Three: (21-30 hours)

1. Enrollment in 9 hours of course work as approved by the faculty advisor.

Year Four: (31-36 hours)

1. Enrollment in CM 8000 Project Design, Methodology, and Project Proposal (3 hours)
2. CM 8300 Final Project and Presentation (4 hours)
3. Recommendation by the faculty and approval by the Board of Trustees for the bestowal of the degree.
4. Settlement of all accounts as certified by the Coordinator of Student Accounts no later than one-week preceding commencement.

Time Limit

All requirements for the Doctor of Ministry degree must be completed within four years after initial enrollment in Emmanuel Christian Seminary at Milligan. The faculty may grant an extension of one year when a degree candidate presents a petition through the Academic Dean of the Seminary; in some cases, the faculty may attach conditions to the granting of an extension. The faculty reserves the right to disallow course work originally included in the approved degree program, but which has since become more than ten years old. In such cases, the student will be required to enroll in equivalent courses at Emmanuel or other institutions approved by the faculty

Because of Emmanuel's interest in the Church's world mission and the globalization of ministerial education, every effort will be made to include participants with cross-cultural backgrounds within each DMin course. In that way, the focus of each course on the theory and practice of ministry will not be limited to the concerns of one cultural, social, or racial group. Overseas missionaries also will be encouraged to participate in this program.

Project Award/Honor

In honor of Calvin L. Phillips on the occasion of his retirement from the presidency, the seminary faculty established an award to recognize Doctor of Ministry projects of truly exceptional merit. The certificate of this award bears the citation: "The Calvin L. Phillips Award for the Outstanding Doctor of Ministry Project of [year]."

Academic Probation and Suspension

Good Standing and Probation

A minimum cumulative grade point average (GPA) of 3.00 is required for the Doctor of Ministry degree. If at any time during the course of the degree program the student drops below a 3.00 GPA, he or she will automatically be placed on academic probation. If probationary status occurs prior to the point at which the student has accumulated 18 credit hours, the student must bring the GPA up to 3.00 prior to being considered for Candidate Status. After being placed on academic probation, the student must achieve the required cumulative GPA by the conclusion of 6 more credit hours. Students who fail to do so will be suspended. If probationary status occurs after one has been granted Candidate Status, the student must raise the GPA to 3.00 within the next six credit hours taken toward the Doctor of Ministry degree. A 3.00 GPA is required for graduation. A student on academic probation is not eligible for the church match scholarship during the probationary period.

Suspension
If students can show extenuating personal circumstances to be the cause of their failing to achieve the GPA needed to lift the probation, they may petition the faculty for a one-semester extension of the probation.
A student on probation who fails to achieve a 3.00 GPA within the time frames outlined above will be suspended. Suspension means the withdrawal of permission to enroll in classes for credit and the termination of any degree candidacy previously conferred.

Courses of Study for Master of Divinity, Master of Arts in Christian Ministries, Master of Arts in Religion, and Doctor of Ministry

The course numbering system indicates both the general academic level of a course and the Area in which it is offered. 5000-level courses are elementary and introductory courses; 6000-level are more advanced courses and are typically taken after elementary requirements are completed; 7000-level are the most advanced and typically require prerequisite work. Doctor of Ministry courses are noted by 8000-level numbers.

+ designates required courses which are offered every year. A complete list of all courses to be offered in any academic year is available from the Academic Services Office.

Since the specific topic and contents of the 7000-level seminars almost always change each time the seminar is offered, a student may enroll in the same seminar more than once.

A course may be listed in more than one curriculum Area. In such cases, the student is free to choose the Area in which the course is to be credited.

Except where noted, each semester course is for 3 hours credit.

The Area of Christian Ministries

It is the purpose of the Area of Christian Ministries to help students to establish and continually improve in faithful, competent practice of ministry in each of the objectives listed for the MDiv degree. The introductory course CMSF 5010 begins the process of building foundations for ministry within a global understanding of the church. Courses in the various fields build upon that course to provide specific ministry competencies.

Students completing courses in this Area may expect to:

1. Demonstrate an understanding of the cultural realities and structures within which the church lives and carries out its mission.
2. Function as a change agent—to use and mediate the range of social processes in a way that reflects the mission and spirit of Christ.
3. Demonstrate competency in the functions of ministry

Supervised Ministry Experience and Formation (SME/CMSF)

Every MDiv degree student is required to participate in the Supervised Ministry Experience and Formation Program. MAR students are required to take two courses in the sequence. The SME/CMSF sequence helps students to grow in faithful, competent Christian ministry in a way that recognizes and strengthens their:

- personal faith, emotional maturity, and moral integrity
- understanding of the wisdom of God through scripture, doctrine, the history of the church, and other areas of classical study
- ability to develop and implement ministries and skills appropriate to the settings in which they serve
- ability to live, learn, and serve in the context of deep Christian community.

The ministry formation and experience program is to be taken in its entirety and in the sequence specified. In addition to tuition, an additional fee is required for courses in the SME/CMSF sequence.

The Area of Christian Theology

The Area of Christian Theology is most concerned with contemporary Christian theology as a discipline that attends to all aspects of Christian life under the triune God. The area draws upon the rich theological resources of the Christian tradition across cultures to respond to life's persistent questions and spiritual conditions in ways that aspire to salvation, hope, and justice in the world. All disciplines of human understanding may be brought to bear on its questions.

This area has the following closely related objectives. Students should:

1. Be familiar with the many ways Christians in various lands from the first century to the present have given expression in word and deed to their faith by means of life together for others, prayers and liturgies, biblical interpretation, creeds, and theological systems as trusted resources for contemporary concerns.
2. Be able to discriminate and evaluate Christian ideas, practices, and scriptures with theological discernment.
3. Demonstrate skill in conversing with others—listening, speaking, and writing—as theological disciplines of engagement with the Christian tradition and God's mission in the world.
4. Discover ways to embody and further communicate theology in relation to the practice of ministry and the mission of the church (stewardship of resources, social justice, and salvation of the whole person) with cultural sensitivity and wisdom.

The Area of Church History

Church history is the study of the formation of Christian identity and ecclesial life in the light of the apostolic witness of the New Testament and the shaping influences of twenty centuries of history. It embraces both the story of the Christian faith as it has taken root in diverse historical and cultural settings and the actual development of the corporate life of the Church in both its particular and global manifestations. Thus church history is by nature a contextual and ecumenical theological discipline, with the constructive task of evaluating critically the Church's ongoing quest to embody Jesus Christ in the world through its community, its ministry, its theology, its worship and sacraments, and its spirituality and ethics.

As projected goals, students in church history should:

1. Deepen their understanding of the Church's identity as rooted in the witness of the apostolic churches, tested by the historic *consensus fidelium*, and constantly shaped by the eschatological mission to which the Church is called.
2. Deepen their passion for Christian unity and their understanding of the dynamics of unity-in-diversity, and of authority and freedom, as historic challenges in the life of the Church.
3. Expand their horizons by viewing the historical mission of the Church in its panoramic and global proportions.
4. Achieve a more mature understanding of the rich and diverse traditions of ecclesial, ministerial, liturgical, confessional, and devotional life in the history of the Church.
5. Strengthen their familiarity with the lives and letters of great Christian saints and thinkers through the centuries, who serve as enduring examples of Christian faith, character, and commitment.
6. Demonstrate an understanding and appreciation of the Stone-Campbell Movement and its vision for Christian unity and world mission.

The Area of New Testament

The New Testament area offers advanced study of the writings of the New Testament, their language, social-historical background, literary and oral features, and theology. Courses in this area give attention to the Judaic and Graeco-Roman matrix of these writings, their religious teachings within their original contexts, and their theological unity and variety. Exegesis of the text provides a foundation for the larger task of theological interpretation of the New Testament as Sacred Scripture. Courses in the Area emphasize the importance of both understanding and appreciating the use of these documents throughout the history of the church and reading them afresh as Spirit-filled writings that continue to shape the Christian life corporately and individually.

Students completing courses in the Area of New Testament can expect to:

1. Acquire a basic reading knowledge of koine Greek, with a command of grammar and syntax sufficient to enable them to use Greek-based commentaries and other resources, evaluate translations of the New Testament, and do independent exegesis for preaching, teaching, spiritual growth, and pastoral care.
2. Have an appreciation of and engagement with the oral nature and the performance aspects of New Testament compositions in such a way that this perspective will shape the ministries of preaching, teaching, and pastoral care.
3. Demonstrate good skills in research, written and oral communication, and argumentation in matters relating to New Testament studies.
4. Construct good models of biblical interpretation and relate them to all the functions of ministry within the local church or a wider setting.
5. Identify in the New Testament models of pastoral practice and moral reasoning that can serve as good paradigms for contemporary ministry.
6. Demonstrate in the classroom that their theological framework has been challenged, enriched, and enlarged for engagement with the realities of life and ministry.

Students wishing to concentrate in New Testament studies are expected to have solid foundational knowledge of the Old Testament.

The Area of Old Testament

The Old Testament area offers advanced study of the books of the Hebrew Bible/Old Testament, including their text and language, social-historical background, literary character, and theology. The Deuterocanonical/ Apocryphal books, Dead Sea Scrolls, and other important Jewish writings of the Second Temple period are also studied. Courses give attention to the ancient Near Eastern and later Hellenistic settings of the biblical books, their religious ideas and teachings within their original contexts, and their theological significance for Christian faith. Exegesis is emphasized as the foundation for the larger task of theological interpretation of the Hebrew Bible as Christian Sacred Scripture. Accordingly, courses in Hebrew language and in exegesis are central, and courses in Aramaic, Ugaritic, and Akkadian are offered on a cyclical basis to complement the Old Testament area's curriculum.

Students completing courses in the Area of Old Testament can expect to:

1. Acquire a basic reading knowledge of classical Hebrew, with a command of grammar and syntax sufficient to do exegesis for preaching and teaching, to make use of Hebrew-based commentaries and reference works, and to evaluate modern translations of the Old Testament.
2. Gain a sympathetic understanding of the most important issues and approaches that have emerged in the rich history of Jewish and Christian scholarship of the Hebrew Bible/Old Testament and be guided by this knowledge in personal study for ministry and missionary and ecumenical outreach.
3. Identify and gain basic familiarity with good methods and models of biblical interpretation.

Course descriptions for Seminary courses

BIBLICAL STUDIES

BIB 5007. Introduction to Biblical Studies - Introduction to Biblical Studies is a course designed to introduce students to critical study of the Bible. This course covers such topics as genre distinction in the Bible, hermeneutics, and basic translational issues in the English versions. This course is a prerequisite for Old Testament Writings and New Testament Writings.

CHURCH HISTORY

CH 5010+. The Christian Tradition - An orientation to basic issues and themes in the interpretation and appropriation of Christianity as a historical and a missionary faith: the formation of Christian identity in various historical and cultural settings; the dynamics of unity, diversity, and authority in the Church; shaping of doctrinal consensus, models of ecclesial reformation; and variant understandings of the Christian mission in the world. The course serves also as a panoramic overview of the global expansion of the Christian faith over twenty centuries and of the attempts to shape a Christian worldview as reflected in representative lives, texts, and traditions. Offered fall term each year. Three semester hours.

CH 5020+. The Stone-Campbell Movement - An investigation of the reform movement that began in nineteenth-century America under the leadership of Barton Stone, Thomas and Alexander Campbell, and others who aspired to pursue Christian unity for the sake of the Church's world mission. Critical discussion of differing articulations of the Movement's plan for ecclesial, doctrinal, and practical reforms; challenges to the Movement in its social and political context; controversies that led to division in its ranks; and the hopes of reinterpreting its core principles for the twenty-first century. Prerequisite: CH 5010. Offered spring term each year. Three semester hours.

CH 5017. Christian Tradition and Mission - This course will explore the historical shape of Christianity over two millennia. Among the principal themes will be the emergence of a Christian "tradition" through the formation of a biblical canon, the consolidation of primary doctrinal commitments, and the organization and mission of the church in new cultural contexts. The course includes a broad survey of the major streams of ecumenical Christianity (Eastern Orthodoxy, Roman Catholicism, and the Protestant traditions) and the profound global expansion of Christianity in the early modern and modern world. Three semester hours.

CH 5027. The Church and the Stone Campbell Movement - This course will first survey different models and images of the nature of the church through the centuries in terms of abiding issues of authority, organization, ministry, and communal life before turning to the unique contributions of the Stone-Campbell Movement. Attention will be given to the four historic markers of the church ("one," "holy," "catholic" [universal], and "apostolic") and to the different ways that the church has been configured (episcopal, "free church," etc.) among the various Christian traditions. The course will also focus on how the Stone-Campbell Movement has developed its own interpretations of the character of the church and addressed the historic challenges posed by divisions in the historical and contemporary church. Three semester hours.

CH 6010. Studies in the History of the Early Church - An examination of key issues in the study of early Christianity up through the fifth century: the process of normative self-definition; missionary expansion; the lives and works of significant patristic theologians such as Irenaeus, Origen, Cappadocian Fathers, and Augustine; development of ecclesial organization and life; tensions with the Roman Empire and the legacies of persecution and martyrdom; theological and confessional formulations; and spirituality and asceticism. Three semester hours.

CH 6020. Studies in Eastern Christianity - Explorations into the rich traditions of Eastern Christian history, thought, and spirituality, beginning with the Byzantine Christian Empire and the East-West Schism. Attention is given to the distinctive elements of Orthodox Trinitarian theology, Christology, and ecclesiology; the Divine Liturgy; the veneration of icons at the heart of Orthodox spirituality; and traditions of Christian asceticism represented in devotional writings. Major developments in Russian Christianity and religious culture up through the Soviet era are also examined. Three semester hours.

CH 6050 Traditions of Christian Spirituality and the Virtuous Life
This course will provide an introduction and orientation to certain classical, pre-Reformation traditions of Christian spiritual devotion and models of the virtuous life. Rather than a straightforward history of Christian spirituality or history of Christian ethics, the course will take a "case study" approach that highlights the historical and contextual framework of distinctive paradigms of "conversion" and adherence to Christ (and to the triune God) and of the spiritual and moral disciplines attending that commitment. "Spirituality" is an ambiguous concept but, for better or worse, has been taken over in Christian usage as a standard term to denote the dynamics whereby believers are transformed, within and without, individually and ecclesially, to the image of Christ, through the grace of the Holy Spirit. Three semester hours.

CH 6310. History of Biblical Interpretation - Analysis of the metamorphoses in biblical exegesis and theological interpretation of Scripture from the patristic period to the burgeoning of critical biblical studies in the nineteenth and twentieth centuries. The course focuses on distinctive hermeneutical models, notions of divine "accommodation" in Scripture, historic attempts to discern multiple senses (literal, allegorical, etc.), and the changes in exegetical method in the transitions from pre-critical, to critical, to post-critical approaches to the Bible. Students examine various representative interpreters and certain exemplary scriptural texts as they have been construed in different historical contexts. Cross-listed as TH 6310. Three semester hours.

CH 6320. Historic Christian Thinkers - This elective course gives concentrated attention to a variety of celebrated thinkers East and West who have had a profound influence and legacy in the history of Christian thought. The course will take one of two forms: (1) a focus on one or more individual theologians from a certain period or context; or (2) a focus on a particular theme elaborated by representative thinkers over the course of Christian history. Students will be encouraged to research not only these theologians' contributions to doctrinal theology but also their role in shaping worship, spirituality, ministry, ethics, and other aspects of the life of the church in their own contexts and beyond. Cross-listed as TH 6320. Three semester hours.

CH 6410. Medieval Christianity - Studies in the missionary expansion of Christianity in Europe, Britain, and Ireland, and the reconfiguration of the Western Church under the papal supremacy during the Middle Ages. Special attention is given to the diverse manifestations of the "Christendom" ideal, and the flowering of ascetic and monastic traditions that modeled the "apostolic" life and helped shape the culture of religious devotion in the Western Church. Examination also of the significant currents of medieval theology, spirituality, liturgical and sacramental life. Three semester hours.

CH 6420. Reformations of the Sixteenth Century - Consideration of the emergent models of ecclesial and doctrinal reform, both Protestant and Roman Catholic, in the era of the Renaissance and Reformation: initiatives of the Catholic humanists and conciliarists; the growth and diversification of the Protestant revolt; the achievement of the Magisterial Reformers (Luther, Calvin, et al.); the Anabaptist movement; and later currents and countercurrents up to 1650. Three semester hours.

CH 6510. Christian Ministry in Historical Perspective - Investigations of the theology, patterns, and practices of Christian ministry, especially pastoral care, as they have developed in different historical and ecumenical contexts, with a view to enriching theological reflection on ministry in the contemporary church worldwide. Attention as well to the structural configuration of ministry (and doctrine of ordination) in historic Christian traditions. Cross-listed as CMC 6510. Three semester hours.

CH 6520. Worship and Sacraments in Historical Perspective - Studies in the formation of the major Eastern and Western traditions of Christian worship and liturgy, with reference to the service of the Lord's Day, the disciplines of the daily office, and the broader celebrations of the Christian Year. Baptismal and Eucharistic practices considered in terms of their historical and theological development. Cross-listed as CMW 6520. Three semester hours.

CH 6610 History of Global Christianity 1792 – present
The Course will introduce students to contemporary Christianity in the Global South (Africa, Asia, and Latin America). The course will highlight the specific processes through which Christianity has been communicated, received, and reinvented through cross-cultural contacts. The principal aim is to help students understand; (1) Modern missionary efforts and how Christianity shifted from the western to the non- western world; (2) The moral ambiguities of western missionary efforts and their relationship with colonial enterprise; (3) The manner in which missionaries communicated and how their message was received and interpreted by their hosts; (4) The role of local agents in promoting indigenous forms of Christianity; and (5) The rise of Global Pentecostalism and the role of Christian Non-governmental Organizations in development. The variety of analytical perspectives used in the course should help the student have a better historical understanding of Christianity in the contemporary world. Cross-listed as CMM 6610. Three semester hours.

CH 6810. Survey of American Christianity (I) - Studies in the diverse Christian traditions of the colonies; the role of the churches in the American Revolution and shaping of the American Republic; and the Great Awakenings and the rise of evangelical culture in the antebellum period. Three semester hours.

CH 6820. Survey of American Christianity (II) - Studies in the broadening denominational landscape and the dynamics of cultural transformation and accommodation; Christian activism during and after the Civil War era; the growth of African American Christian traditions; modernism and fundamentalism; the rise and decline of the "Protestant Establishment" in America; contemporary evangelicalism; and church/state tensions. Three semester hours.

CH 7000. Readings in Church History - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Three semester hours.

CH 7930. Seminar in Historical Theology - An advanced study of a particular theme within church history or historical theology; open to students of demonstrated competence. Three semester hours.

CH 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CH 8000. History of Pastoral Care – This course sets out to identify and evaluate (in context) some of the distinctive models, patterns, and symbols of pastoral care emerging historically within the ecumenical Christian tradition, and to utilize those findings in the development of a "hermeneutic" of pastoral ministry, a conscientious interpretation of the task(s) of ministry that is grounded at once in Scripture, in the historical tradition of the Church, in sound theological reasoning, and in experience. Using primary sources and some important secondary studies, attention will be focused on three interconnected dimensions of pastoral care analyzed historically: (1) ecclesiological and sacramental foundations of pastoral care; (2) the developmental history of pastoral theology; and (3) the actual practices of pastoral ministry in historical perspective. Three semester hours.

CH 8100. History of Worship and Sacraments - This course surveys how the church has worshipped through the ages to aid the student in developing insights which can help in the planning and leadership of Christian corporate worship. Three semester hours.

CH 8200. History of Biblical Interpretation and Preaching - This course examines both secondary and primary texts in the history of preaching and hermeneutics with a view to enhancing the contemporary student's appreciation for and ability to perform the tasks of biblical interpretation and preaching. Three semester hours.

CH 8300. Project - Five semester hours.

CH 8400. Seminar - Advanced study of selected topics.

CHRISTIAN MINISTRIES

CM 7000. Readings in Church Administration - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Hours to be determined.

CM 8000. Reading Course in Social Science Methodologies - The readings are chosen to guide the students in the use of the methods and instruments of the social sciences which are appropriate for the DMin project. One semester hour. Required.

CM 8300. Project - Five semester hours.

CM 8301. Project Continuation I – Zero semester hours.

CM 8302. Project Continuation II – Class fee of $250. Repeatable. Zero semester hours

CM 8400. Seminar - Advanced study of selected topics. Three semester hours.

CHURCH ADMINISTRATION

CMA 5410. Theology and the Arts: Cinema - A course on theology or an aspect of theology in artistic expression drawing on any of the following: literature, fine art, cinema, music. Three semester hours.

CMA 6010. Building an Effective Congregation - A "nuts and bolts" course in the art and science of leading a local church. Issues to be explored include management of conflict in staff and congregation, leading building programs, ensuring financial integrity, planting new churches, preparing new leaders, and growing local and global benevolent/missions programs, among others. In all cases, biblical criteria for church will inform the discussion. Three semester hours.

CMA 6020. Leadership Development - An examination of literature and strategies for developing leadership in the local church. Three semester hours.

CMA 6027. Ministry Team Dynamics and Leadership - This course will focus on the diversity of factors that contribute to fruitful ministry in the complexity of a congregation regardless of size. Following an examination of the core dynamics that influence team functionality as well as the theology of team ministry, the vital issues of team creation, selection, empowerment, evaluation, and multiplication will be considered. Skills such as team management, planning, goal-setting, organizing, training, conflict resolution, and leading will be covered. In addition to examination of skill sets, the optimal attitudes, mindsets, and values of a ministry team member and leader will be explored. The benefits of this

course will help any Christian servant to be more effective in the formal/informal and professional/personal as well as pastoral contexts in which he or she will operate. Three semester hours.

CMA 6057. Money and Ministry – An eight-week online course dealing with the financial aspects of ministry from both a theological and a practical viewpoint. The goal of the course will be for students to develop a strong biblical and theological foundation upon which to build their understanding of how money ought to relate to the church and ministry, as well as create the necessary skill set in understanding financial reports, budgets, fund raising, retirement options, taxes, and the impact of personal finances on one's effectiveness in ministry. Students will work separately and in groups as they deal with real-life situations from churches and parachurch ministries.

CMA 7000. Readings in Church Administration - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Hours to be determined.

CMA 7920. Seminar in Church Administration - Some aspects of church administration. Among the available themes are pastoral leadership, church polity, and staff relationships. Three semester hours.

CMA 7970. Senior Project - (by petition only). Three semester hours.

CMA 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CMA 8000. Leadership in the Congregation - The psychological and sociological factors involved with leadership will be discussed in relation to a biblical and theological understanding of the nature of the church. Three semester hours.

CMA 8100. Conflict Management in the Local Church - Readings in conflict management will be related to case studies brought by students to help participants prepare to turn situations of conflict into opportunities for growth and maturing. Three semester hours.

CMA 8200. Renewal of the Life and Ministry of the Church - By using available tools of analysis and by clarifying the concept of the church as God intended, this course will lead the participants to discover ways of getting the church from where it is toward where it should be. Three semester hours.

CMA 8300. Building an Effective Congregation - This course will help the minister analyze the various aspects of congregational life. Its purpose is to develop a plan of action through which the congregation can work together in the wide ministry of the church. Three semester hours.

CHRISTIAN CARE AND COUNSELING

CMC 5010. The Person of the Minister - Considering the personal integrity of the minister as paramount for effective ministry, this course encourages students to reflect on who they are as persons, to examine unresolved issues in their lives, to reflect on the shaping influences of their families of origin, and to trace their spiritual journeys. These personal reflections are considered in the context of the ethics of ministry. Three semester hours.

CMC 5017. Personal Identity in Pastoral Care - This course addresses the identity of the pastor with an emphasis on the need for emotional health, maturity, and personal awareness as necessary elements of good pastoral care. Students will explore their personal histories and development within the dynamic interactions of the class, seeking to become aware of attitudes, values, and assumptions that influence their availability for ministry to others. Three semester hours.

CMC 6010 Ministry to the Aging and Their Families. A study of the needs and characteristics of the elderly and their families. Emphasis is given to practical approaches to ministering to the aging, to calling them to ministry, and to attending to the changing dynamics within their family. Cultural and social issues related to older persons are examined through the lenses of theological perspectives on aging. Three semester hours.

CMC 6020. Human Sexuality - Theological perspectives on human sexuality are presented. These theological underpinnings guide the considerations given to both the vast amount of research on human sexuality and the popular discourse of a sexually saturated society. Students are challenged to explore personal attitudes toward sexuality, to consider the minister's role in fulfilling pastoral responsibilities regarding sexual issues, and to evaluate ways of appropriately addressing these issues with members of the congregation. Three semester hours.

CMC 6510. Christian Ministry in Historical Perspective - Investigations of the theology, patterns, and practices of Christian ministry, especially pastoral care, as they developed in different historical and ecumenical contexts, with a view to enriching theological reflection on ministry in the contemporary Church worldwide. Cross-listed as CH 6510. Three semester hours.

CMC 7000. Readings in Christian Care and Counseling - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Hours to be determined.

CMC 7050. Basic Approaches to Christian Care and Counseling - A study of basic skills in care and counseling with attention to skill building and practice. Three semester hours.

CMC 7060. Advanced Approaches to Pastoral Care and Counseling - A study of advanced skills in care and counseling with attention to practice and skill building. Prerequisite: CMC 7050 (Basic Approaches to Pastoral Care and Counseling). Three semester hours.

CMC 7070. Pastoral Care in Times of Grief and Loss - A study in the theology of suffering with attention to expanding our understanding and capacity to be present as caregivers for individuals and families during times of grief and loss. Three semester hours.

CMC 7210. Clinical Pastoral Education - Students may choose any Accredited Association of Clinical Pastoral Education (APCE) Program that they wish to apply. Fees for CMC 7210, 7220, 7230, and 7240 are paid directly to that CPE program. These fees are determined by the individual CPE program. Veteran's Administration Hospital CPE Programs ask that the seminary the student is enrolled in collect the fee from the student and pay the VA directly. Three semester hours. Students who are preparing for chaplaincy need to complete both CMC 7210 and CMC 7220. This will earn 1 unit of CPE as accredited by the Association of Clinical Pastoral Education.

CMC 7220. Clinical Pastoral Education - Continuation of CMC 7210. Three semester hours.

CMC 7230. Clinical Pastoral Education - Continuation of CMC 7220. Three semester hours.

CMC 7240. Clinical Pastoral Education - Continuation of CMC 7230. Three semester hours.

(**Note:** Admission to 7210, 7220, 7230, 7240 is by interview with the CPE center and its approval for admission.)

CMC 7920. Contemporary Issues in Christian Care and Counseling - An advanced study of pastoral theology in relation to a particular cognate area or modern issue in care and counseling. Three semester hours.

CMC 7970. Senior Project - (by approved petition only). Three semester hours.

CMC 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CMC 8000. Pastoral Care and Counseling - This advanced course in pastoral ministry is designed to aid the class members in evaluating their effectiveness in pastoral situations and in increasing their appreciation for and effectiveness in these ministry opportunities. Readings in current literature, case studies, verbatims brought in by students for class discussion, and other methods will be used as learning tools. Three semester hours.

CMC 8100. Clinical Pastoral Education I - Students may arrange to take a certified unit of CPE, wherever it is convenient, for credit toward the D.Min degree at Emmanuel. Note: Requires special application and registration procedure. Three semester hours.

CMC 8200. Clinical Pastoral Education II - See CMC 8100.

CMC 8300. The Church's Ministry to Families - A survey of biblical texts concerning familial relationships and of contemporary analyses of the pressures causing family dysfunction will form the background for discussions of how the church can serve in such a way as to encourage healthy family life. Three semester hours.

CHRISTIAN SPIRITUAL FORMATION

CMSF 5010+. Introduction to Spiritual Formation – An introduction to traditions and practices of Christian spiritual formation, with particular focus on guiding first year students in establishing life patterns and spiritual disciplines that will support growth throughout their seminary career and ministry. Emphasizing the importance of experiencing spiritual formation through fellowship, prayer, and accountability to others, the course seeks to help students incorporate those formative practices into their lives. The course uses a variety of colloquy, small group interactions, and personal reflections to build this solid foundation of life-long spiritual growth. Three semester hours.

CMSF 5017. Introduction to Seminary Studies/Spiritual Formation for Ministry - This course gives students an orientation to seminary studies while simultaneously orienting them to online course platforms and assisting them in successfully completing a distance education program. Students will also have an opportunity to become part of the Emmanuel learning community, reflect on their personal spiritual journey, and identify the need for seminary education. Two semester hours.

CMSF 6020. Spiritual Formation and the Ministry of Teaching - This course emphasizes the local Christian community as the primary relational context for holistic spiritual formation. Drawing on Scripture and theology, as well as contemporary research into human social and psychological development, it explores theories and practices of formation through the ministry of teaching and offers strategies for developing and implementing curriculum for formation within local churches and other educational settings. Three semester hours.

CMSF 6027. Spiritual Formation and the Ministry of Teaching - This course emphasizes the local Christian community as the primary relational context for holistic spiritual formation. Drawing on Scripture and theology, as well as contemporary research into human social and psychological development, it explores theories and practices of formation through the ministry of teaching and offers strategies for developing and implementing curriculum for formation within local churches and other educational settings. Three semester hours.

CMSF 6040. Spiritual Formation in Community - An examination and evaluation of the use of small groups in ministry and retreat settings as a context for Christian spiritual formation. The course emphasizes the importance of understanding group dynamics and the organization of organic communities of faith, and encourages students to develop and refine skills in leading groups and developing materials for groups. Three semester hours.

CMSF 6120. Spiritual Direction - An exploration of Christian spiritual direction as a personal relationship with a fellow Christian that nurtures intimacy with God and faithful attentiveness to God's personal communication. The course engages classic and contemporary teachings and practices of Christian spirituality while also helping students to develop their skills as patient and deep listeners who are carefully attentive to their own contemplative prayer lives. Three semester hours.

CMSF 6140. Spiritual Formation in Youth and Campus Ministry - An application of traditional and contemporary knowledge about Christian spiritual formation to the unique contexts of ministry to children, youth, and college students. The course focuses on understanding faith formation at various stages of human psycho-social development, as well as on developing curriculum and program models that foster effective spiritual formation at each stage. Three semester hours.

CMSF 6510. Memory and the Spiritual Life – An exploration of the central role memory plays in the Bible and in the formation of individual and communal identity, as well as the possibilities for how intentional practices of remembering can contribute to faith and human flourishing. Three semester hours.

CMSF 7000. Readings in Spiritual Formation - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Three semester hours.

CMSF 7050+. Theological Integration - The Theological Integration Seminar provides graduating students an opportunity to reflect on their ECS experience as it relates to their sense of calling, ministry, the mission of the church, and future vocational plans. One semester hour.

CMSF 7157. Theological Integration - The Theological Integration Seminar provides graduating students an opportunity to reflect on their ECS experience as it relates to their sense of calling, ministry, the mission of the church, and future vocational plans. One semester hour.

CMSF 7930. Seminar in Spiritual Formation – An advanced study of some phase or aspect of Christian spiritual formation. Three semester hours.

CMSF 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CMSF 8000+. Christian Ministry and Formation Seminar - This seminar seeks to clarify and articulate a personal theology of ministry, define the concept of ministry formation, and reflect upon issues pertaining to a developmental view of formation. Additional fees required (estimated $300-$400) to cover travel and lodging to St. Meinrad's Archabbey in Indiana. Required. Three semester hours.

CMSF 8400. Doctor of Ministry Seminar in Spiritual Formation - An advanced study of some phase of Christian spiritual formation. Topics will vary. Offered periodically. Three semester hours.

CHRISTIAN MISSION & EVANGELISM

CMM 5030+. Introduction to the Christian World Mission - An introduction to biblical, historical, and contemporary theological understanding of the church's mission in the world and of appropriate

methods for pursuing it. Cross-listed with TH 5030. Offered spring term each year. Three semester hours.

CMM 5037. Introduction to Christian World Mission - An introduction to biblical, historical, and contemporary theological understanding of the church's mission in the world and the appropriate methods for pursuing it. Three semester hours.

CMM 5050. Introduction to Church Growth - An introductory examination of factors affecting the growth of the church and means of promoting growth. Three semester hours.

CMM 5310. Theology and Mission - A course examining the questions: (a) What do basic Christian doctrines teach about mission and evangelism? (b) How can theology evaluate the processes by which Christian faith is expressed via languages and cultures? (c) How does Christian faith relate to other faiths and ideologies? (d) What can we learn from Christians doing theology in non-western contexts? Cross-listed as TH 5310. Three semester hours.

CMM 5410. The Church and Human Cultures - An examination of the nature and functioning of culture, the diversity of human cultures, and the implications of culture and cultures for the church and mission. Three semester hours.

CMM 5420. The Church and Cross-Cultural Communication - An examination of the nature of language and communication of culturally-based systems of meaning, and of the problems which arise in communications between persons of different cultures, especially in the communication of the gospel. Three semester hours.

CMM 5510. Principles and Methods of Evangelism - An examination of biblical foundations and the biblical and sociocultural dimensions of the evangelistic process, both in the evangelist's home context and in cross-cultural contexts. Three semester hours.

CMM 6350. Bible Semantics and Translation - An exploration of the theory and practice of Bible translation. Cross-listed as NTS 6350. Three semester hours.

CMM 6610. History of Global Christianity 1792 – present – An introduction of students to contemporary Christianity in the Global South (Africa, Asia, and Latin America). The course will highlight the specific processes through which Christianity has been communicated, received, and reinvented through cross-cultural contacts. The principal aim is to help students understand; (1) Modern missionary efforts and how Christianity shifted from the western to the non- western world; (2) The moral ambiguities of western missionary efforts and their relationship with colonial enterprise; (3) The manner in which missionaries communicated and how their message was received and interpreted by their hosts; (4) The role of local agents in promoting indigenous forms of Christianity; and (5) The rise of Global Pentecostalism and the role of Christian Non-governmental Organizations in development. The variety of analytical perspectives used in the course should help the student have a better historical understanding of Christianity in the contemporary world. Cross-listed as CH 6610. Three semester hours.

CMM 6710. Major Religions of the World - A study of the major non-Christian historic religions by which human beings have sought to understand themselves and relate to their world. Consideration of background, development, and major concepts. Three semester hours.

CMM 7040. Church Planting - This course gives a comprehensive overview of the theology and methodology of new church development. The mission of the church, gospel and culture, contextualization, personnel, new church leadership, evangelism, and other important issues and practical subjects will be studied. Three semester hours.

CMM 7910. Seminar in Christian World Mission – An advanced study of some phase of Christian World Mission. Topics will vary. Offered periodically. Three semester hours.

CMM 7930. African Theology - This course introduces students to a general knowledge of the development of African theology and its impact within Africa's social and cultural context. It focuses on African Christian theologians who have questioned the suitability of western Christianity for Africa. It will also highlight some of the creative ways Christianity is expressed in Africa, particularly in the African instituted Churches. What are the prospects of this modern African experience in the future shape of Christian theological discourse? Cross-listed as TH 7930. Three semester hours.

CMM 7970. Senior Project - (by approved petition only). Three semester hours.

CMM 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CMM 8000. Current Trends in World Mission - An examination of current trends and models in regard to the church's world mission, across the spectrum of Christian bodies and schools of thought. Three semester hours.

CMM 8100. World Mission and the Local Ministry - An examination of the place of world mission in the life and ministry of the local minister and congregation. Three semester hours.

CMM 8200. World Mission and World Trends - A comparative examination of the relationship and mutual influences of the Christian world mission and of contemporary secular trends on the global scale. Three semester hours.

CHRISTIAN PREACHING

CMP 6020. Biblical Preaching: Communicating Faith and the Rhetorical Arts - Explores preaching theologically and in dialog with the traditions of rhetoric and poetics, focusing on the importance of attending to the preacher's rhetorical situation, to logical, ethical, and emotional forms of persuasion, and to the power of language for taking hearers into a formative experience of the biblical text. Students incorporate insights from these traditions into their own preaching and teaching, making several in-class presentations and preaching at least one formal sermon.

CMP 6027. Biblical Preaching: Communicating Faith and the Rhetorical Arts - This course in homiletics follows the process of choosing a text, exegesis, theological thinking, and the preparation and delivery of sermons. This course is designed to help each student develop his or her special gifts in preaching. In addition to brief written reports and oral presentations, each student will preach at least one full sermon. Three semester hours.

CMP 6030. Biblical Preaching—Old Testament - An advanced course in homiletics, following the process of choice of text, exegesis, theological thinking, and preparation and delivery of sermons, concentrating on the Old Testament. This course is designed to help each student develop his or her special gifts in preaching. In addition to several brief written reports, each student will preach twice. Three semester hours.

CMP 6040. Biblical Preaching—New Testament - An advanced course in homiletics, following the process of choice of text, exegesis, theological thinking, and preparation and delivery of sermons, concentrating on the New Testament. This course is designed to help each student develop his or her special gifts in preaching. In addition to several brief written reports, each student will preach twice. Three semester hours.

CMP 7000. Readings in Preaching - A reading course in an area selected by the student in consultation with the faculty member and approved by the faculty. Three semester hours.

CMP 7070. History of Preaching - Analyzing sermons and biographies of preachers from the first century to the present offers the student a broad perspective on preaching and should help the student to develop the analytical tools useful in deciding on appropriate sermon forms for differing occasions. Each student will study and report on two representative preachers. Three semester hours.

CMP 7910. Seminar in Preaching - Some aspects of preaching and public address. Three semester hours.

CMP 7950. Seminar: Biblical Exegesis and Contemporary Preaching - Study and practice in relating biblical exegesis, theological reflection, and the act of preaching. Three semester hours.

CMP 7970. Senior Project - (by approved petition only). Three semester hours.

CMP 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

CMP 8000. Current Trends in Preaching - This course surveys current issues, thinkers, and literature in homiletics with a view to exploring various styles and approaches to preaching. Three semester hours.

CMP 8100. Preaching: Its Theological, Hermeneutical, and Communicational Aspects - The preacher's role as theologian, interpreter, and communicator is considered with a view to synthesizing these roles in preaching. Three semester hours.

CHRISTIAN WORSHIP

CMW 5030. Music in the Life of the Church - A study of the theological, psychological, and practical implications of music in ministry with the local church. Three semester hours.

CMW 5210. Principles and Practice of Worship - A study of biblical, doctrinal, and anthropological principles relating to Christian worship and culminating in an attempt to apply them in actual worship experience. Three semester hours.

CMW 6230. Contemporary Worship - This course is a combination of colloquia and seminars. Presentations are made by various worship leaders and faculty persons. Discussions follow each presentation. Three semester hours.

CMW 6520. Worship and Sacraments in Historical Perspective - Studies in the formation of the major Eastern and Western traditions of Christian worship and liturgy, with reference to the service of the Lord's Day, the disciplines of the daily office, and the broader celebrations of the Christian Year. Baptismal and Eucharistic practices considered in terms of their historical and theological development. Cross-listed as CH 6520. Three semester hours.

CMW 7000. Readings in Worship - A reading course in an area selected by the student in consultation with the professor and approved by the faculty. Hours to be determined.

CMW 7010. Seminar in Worship - A study examining in depth some aspect or aspects of worship. Three semester hours.

CMW 7970. Senior Project - (by approved petition only). Three semester hours.

CMW 7980. Thesis - Preparation of a thesis on a significant topic, as approved by the faculty (by approved petition only). Three semester hours.

CMW 8200. The Church at Worship - The latest trends in corporate worship styles and activities will be analyzed with reference to biblical patterns, the historical development of worship, and contemporary culture. Our aim is to help students to be able to plan and lead services of worship that are appropriate to biblical norms, Christian heritage, and contemporary sensitivities. Three semester hours.

NEW TESTAMENT

NTS 5010+/5020+. Elementary Greek - A study of the basic elements of *koine* Greek, including drill on phrases, sentences, and vocabulary. Credit is not given for NTS 5010 apart from NTS 5020. See Admissions: Advanced Standing. Three semester hours.

NTS 5107. New Testament Writings - A study of the social-historical, literary, and theological features of the writings of the New Testament in light of a brief survey of the historical features of the Greco-Roman period. Our investigation is centered on four categories: gospels, history (Acts of the Apostles), letters, and apocalypse (Book of Revelation). Attention is given to how these writings develop patterns of (1) community formation and (2) witness within the larger world. Finally, some attention is given to the formation of the Christian canon in the second century CE. Prerequisite: BIBL 5007. Three semester hours.

NTS 5120. Archaeology of the New Testament World - A study of archaeological data bearing on the New Testament, with attention to specific archaeological sites and reporting and interpreting findings. Three semester hours.

NTS 5150+. New Testament Introduction (Part 1) - Greco-Roman and Jewish social-historical, cultural, and religious backgrounds from the Persian period until the time of Hadrian are assessed for how they succeed or fail to address key elements of human destiny: control over affairs of everyday life; human connection within community as well as personal and/or communal connection to the divine; and the issue of life beyond death. This background provides a necessary and proper context from which to engage scriptural study of the gospels, and eventually the entire corpus of the New Testament (NTS 5160). Offered fall term each year. Three semester hours.

NTS 5160+. New Testament Introduction (Part 2) - A study of the social-historical, literary, and theological features of the writings of the New Testament. Attention is given also to the formation of the canon of the New Testament and the history of the transmission of its text. Prerequisite: OTS 5150, 5160, and NTS 5150**.** Offered spring term each year. Three semester hours.

NTS 6010. Intermediate Greek - A review of the forms of koine Greek and a study of grammar and syntax, based on reading of selected texts from the Gospel of John. Implications of translation for scripture interpretation, preaching, and teaching. Prerequisite: NTS 5010, 5020 or equivalent. Offered fall term each year. Three semester hours.

NTS 6020. Intermediate Greek - Continuation of NTS 6010. Reading of selected NTS texts with a view toward showing the relevance of translation, textual criticism, and exegesis to the functions of ministry and theological engagement with scripture. Offered spring term each year. Three semester hours.

NTS 6030. Biblical Aramaic - Introduction to the basic grammar and vocabulary of Official (Imperial) Aramaic (including Biblical Aramaic), with particular attention to the reading of the Aramaic portions of Daniel and Ezra and selected extra-biblical texts. This course is designed to provide linguistic foundations necessary for further research in Northwest

Semitic languages and literature, as well as for exegesis. Prerequisite: OTS 5010, 5020 or equivalent. Three semester hours.

NTS 6040. Second Temple Jewish Literature - A synthetic and critical analysis of the background and contents of Second Temple Jewish literature, including the OT Apocrypha, the OT Pseudepigrapha, and select Dead Sea Scrolls. Cross-listed as OTS 6040. Three semester hours.

NTS 6050. Methods and Models of Biblical Exegesis - A working introduction to the history, presuppositions, principles, and techniques of critical biblical study by the application of a variety of methods to selected texts from the New Testament. The relation of exegesis to preaching, teaching, pastoral care, and research is emphasized. Prerequisites: OTS 5010, 5020 and NTS 5010, 5020 or their equivalents. Three semester hours.

NTS 6060. Jesus and the Apostolic Tradition - A study of Jesus in light of early Christian writings, church tradition, and socio-historical research. Critical attention is given to recent and current debate about historical Jesus research. Three semester hours.

NTS 6070. The Life of Paul - A survey of the person, work, and thought of the Apostle Paul, gleaned from a study of the letters that bear his name, the Acts of the Apostles, early church tradition, and historical research. The course is designed to help students appreciate, understand, and apply to their ministries the example of the apostle as well as the depth and breadth of his teaching. Three semester hours.

NTS 6080. Exegesis of the Synoptic Gospels - A study of one or more of the first three gospels. Three semester hours.

NTS 6090. Exegesis of the Gospel of John - Three semester hours.

NTS 6100. Exegesis of The Acts of the Apostles - Three semester hours.

NTS 6107. New Testament Exegesis: Philippians - An exegetical examination of Paul's letter to the Philippians based on a grammatical, socio-rhetorical, and theological reading of the English text. We seek to understand the complexities and richness of Paul's proclamation and moral reasoning, Paul's pastoral style, and the believing community that developed in Philippi in response to Paul's preaching, teaching, and leadership. Attention to the social-historical background, informed by rhetoric and Hellenistic moral patterns, will highlight discussions of friendship, joy, partnership, contentment, and Christology. Prerequisites: BIBL 5007, NTS 5107. Three semester hours.

(**Note**: All NTS Exegesis courses below have a prerequisite of NTS 5010 and 5020 or equivalent)

NTS 6110. Exegesis of Romans - Three semester hours.

NTS 6120. Exegesis of Galatians - Three semester hours.

NTS 6130. Exegesis of 1 Corinthians - Three semester hours.

NTS 6140. Exegesis of 2 Corinthians - Three semester hours.

NTS 6150. Exegesis of Philippians, Philemon, Colossians, and Ephesians. A study of one or more of these letters. Three semester hours.

NTS 6160. Exegesis of 1 and 2 Thessalonians - A study of either or both of these letters. Three semester hours.

NTS 6170. Exegesis of 1 and 2 Timothy and Titus - A study of one or more of these letters. Three semester hours.

NTS 6180. Exegesis of Hebrews. Three semester hours.

NTS 6190. Exegesis of James and the Johannine Letters - A study of one or more of these letters. Three semester hours.

NTS 6200. Exegesis of 1 Peter, 2 Peter, and Jude - A study of one or more of these letters. Three semester hours.

NTS 6210. Exegesis of the Revelation. Three semester hours.

NTS 6220. The Dead Sea Scrolls - A reading and analysis of the archaeology and history of Khirbet Qumran and 'Ain Feshka and the nearby caves, with special attention to the non-biblical documents found in the caves and their importance for both Old Testament and New Testament study. More specifically, attention will be given to apocalyptic, messianism, legal and sapiential texts, and hymnody as represented in the Dead Sea Scrolls. Three semester hours.

NTS 6350. Bible Semantics and Translation - An exploration of the theory and practice of Bible translation. Cross-listed as CMM 6350. Three semester hours.

NTS 7000. Readings in New Testament - A reading course in an area selected by the student in consultation with the professor, and approved by the faculty. Three semester hours.

NTS 7010/7020. Advanced Greek - Advanced study of *koine* Greek grammar, using texts from the New Testament, Septuagint, papyri, and other Hellenistic Greek sources. Three semester hours.

NTS 7100+. New Testament Theology - Following the scriptural investigation of the full corpus of the Bible (OTS 5150, 5160 and NTS 5150, 5160), New Testament theology is situated within the context of biblical theology as a discipline in our contemporary post-modern world. Students (1) investigate and evaluate key scriptural and theological aspects of the faith (e.g., covenant, kingdom of God, and atonement), (2) discuss the implementation of actions, rituals, and models for ministry (e.g., baptism, Lord's supper, Spirit-based ecclesiology, evangelism, and leadership), and engage contemporary pastoral issues in debate format (e.g., marriage and divorce, just war theory, use of possessions, and right to life issues) through the evaluation of Scripture, tradition, reason, and experience. Prerequisites: OTS 5150, 5160, NTS 5150, 5160. Offered spring term each year. Three semester hours.

NTS 7910. Seminar - These seminars enable students to engage skills in research and oral and written communication and to develop good models of biblical interpretation and moral reasoning in relationship to contemporary Christian life and ministry. Three semester hours.

NTS 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

NTS 8000. New Testament Exegesis Seminar - A text-based course which treats one or more gospels, epistles, or other New Testament writings with a focus on recent literature and its application to contemporary ministry. Three semester hours.

NTS 8100. Current Issues in New Testament Studies - The focus is on methodology in New Testament studies, with an emphasis on literary and postmodernist approaches and their value for preaching and teaching. Three semester hours.

NTS 8200. Church and Ministry in New Testament Perspective - An "issues" course in which a variety of aspects of church and ministry—cultural, economic, ethical, personal—may be dealt with. Three semester hours.

NTS 8300. Project - Five semester hours.

NTS 8400. Seminar - Advanced study of selected topics. Three semester hours.

OLD TESTAMENT

OTS 5010+/5020+. Elementary Hebrew - Introduction to basic grammar and vocabulary of classical Hebrew with particular attention to the way Hebrew language study enables sound exegesis of Old Testament scripture, which is foundational for good preaching and teaching. Credit is not given for OTS 5010 apart from OTS 5020. See Admissions: Advanced Standing. OTS 5010 and 5020 are offered in an online format as OTS 5017 and 5027 occasionally, when student interest is high and teaching resources are available. Three semester hours.

OTS 5107. Old Testament Writings - A critical introduction to the basic literary features, historical setting, and theological significance of the entire Old Testament, with attention given to canon formation, the history of transmission of the text, and the history of Christian and Jewish scholarship with the most recent methodologies so as to foster a deeper understanding of the Old Testament in an ancient Near Eastern context. Prerequisite: BIBL 5007. Three semester hours.

OTS 5150+. Introduction to the Old Testament - A critical introduction to the basic literary features, historical setting and theological significance of Genesis-Kings, with substantial attention given to the concept and formation of the canon, the history of textual transmission, the history of Jewish and Christian scholarship, and most recent methodologies, so as to foster a deeper understanding of Old Testament literature in an ancient Near Eastern context. Offered fall term each year. Three semester hours.

OTS 5160+. Introduction to the Old Testament - Continuation of OTS 5150, examining Chronicles–Malachi. Offered spring term each year. Three semester hours.

OTS 6010. Intermediate Hebrew - Review of elementary grammar, followed by advanced study of verb morphology and syntax. Attention is given to vocabulary acquisition with emphasis upon gaining facility in rapid reading of Hebrew prose, with a view to showing the implications of such study for exegesis, preaching, and teaching. Some historical Hebrew grammar and comparative Semitic grammar will also be introduced during the course of the semester. Prerequisite: OTS 5010, 5020 or equivalent. Offered fall term each year. Three semester hours.

OTS 6020. Intermediate Hebrew - Continuation of OTS 6010, with some reading of poetic texts. During the latter part of the semester, there will normally be some reading of epigraphic Hebrew. Offered spring term each year. Three semester hours.

OTS 6030. Biblical Aramaic - Introduction to the basic grammar and vocabulary of Official (Imperial) Aramaic (including Biblical Aramaic), with particular attention to the reading of the Aramaic portions of Daniel and Ezra and selected extra-biblical texts. This course is designed to provide linguistic foundations necessary for further research in Northwest Semitic languages and literature, as well as for exegesis. Prerequisite: OTS 5010, 5020 or equivalent. Three semester hours.

OTS 6040. Second Temple Jewish Literature - A synthetic and critical analysis of the background and contents of Second Temple Jewish literature, including the OT Apocrypha, and OT Pseudepigrapha, and select Dead Sea Scrolls. Cross-listed as NTS 6040. Three semester hours.

OTS 6070. Septuagint - Introduction to the ancient Greek translations of the Old Testament, including the history of research and the reading of selected texts. The significance of the Greek translations for textual criticism and biblical exegesis is explored. Prerequisites: OTS 5010, 5020 and NTS 5010, 5020 or equivalents. Three semester hours.

OTS 6090. The Pentateuch - An overview of the English text of Genesis–Deuteronomy with particular emphasis on the creation story, patriarchal narratives, the exodus, and the legal traditions. Interaction with the interpretive traditions of the Pentateuchal texts and modern critical scholarship is central to this course. Three semester hours.

OTS 6100. Old Testament Prophetic Tradition - An examination of the Old Testament prophetic traditions, covering select portions of the canonical prophets. The course is designed to introduce these prophets, elucidate their historical backgrounds which provide a context for their teachings, and demonstrate how their instruction to Israel has relevance for Christians today. The course seeks to connect the biblical prophetic traditions with modern day (that is, 20th and 21st century). Three semester hours.

OTS 6110. Eighth Century Prophets - An exegesis of the Hebrew text of selected 8th Century Prophets (Amos, Hosea, and Micah). In addition to translation, grammatical, and text-critical study of the Hebrew manuscripts of these prophetic books, this course will address historical and theological issues that arise within them and explore ways in which we might apply their message today. Offered periodically. Three semester hours.

OTS 6120. Wisdom Literature of the Old Testament - An exploration of the wisdom literature in the OT (English text) with appreciation of the tension between the Deuteronomic school on the one hand and the points of view articulated in Job and Ecclesiastes on the other. There will be some emphasis on cognate ancient Near Eastern wisdom traditions (e.g., from Mesopotamia and Egypt). Close examination of these texts is designed to provide better understanding of biblical wisdom and its implications in preaching and teaching. Three semester hours.

OTS 6140. Exegesis: Joshua – 2nd Kings- An overview of the books of Joshua through 2 Kings excepting Ruth. Particular attention will be given to the textual development of the DH, the history it narrates, its important themes, and theological tensions. The course will address redactional issues, history/historiography, archaeology, theology of kingship, and the issue of the Davidic covenant in the midst of exile. Three semester hours.

OTS 6210. Archaeology and the Old Testament - A study of the history of Near Eastern archaeology and its importance for reconstructing Israelite history and for interpreting the OT. Attention is given to basic methods of field archaeology, problems in reporting and interpreting archaeological data, and a survey of recent and current archaeological projects and their reports. Three semester hours.

OTS 6220. The Dead Sea Scrolls - A reading and analysis of the archaeology and history of Khirbet Qumran and 'Ain Feshka and the nearby caves, with special attention to the non-biblical documents found in the caves and their importance for both Old Testament and New Testament study. More specifically, attention will be given to apocalyptic, messianism, legal and sapiential texts, and hymnody as represented in the Dead Sea Scrolls. Three semester hours.

OTS 7000. Readings in Old Testament - A reading course in an area selected by the student in consultation with the professor, and approved by the faculty. Hours to be determined.

OTS 7090. Theology of the Old Testament - Theological reflection on the Old Testament as Scripture of the church, grounded in the social and historical setting of ancient Israel and conversant with the New Testament and Christian tradition, with the aim of preparing students for responsible use of the OT in the various tasks of ministry. Prerequisite: OTS 5150, 5160. Three semester hours.

OTS 7097. Theology of the Old Testament - An examination of the theological concepts established in the community of Israel as attested in the Old Testament and from the archaeological and historical study of the ancient Near East to engender a theological appreciation of the abiding testimony of the traditions and practices of ancient Israel with the aim of

grounding various aspects of ministry (preaching, teaching, worship, and leadership) in a theological framework which is conversant with and sensitive to New Testament scripture. Prerequisites: BIBL 5007, OTS 5107. Offered fall term each year. Three semester hours.

OTS 7800. Exegesis in the Pentateuch - Intensive exegetical study of the Hebrew text of some portion of the Pentateuch. Prerequisite: OTS 5150, 5160 and OTS 5010, 5020, or equivalent. Three semester hours.

OTS 7810. Exegesis in the Prophets - Intensive exegetical study of the Hebrew text of some portion of the Former or Latter Prophets. Prerequisite: OTS 5150, 5160 and OTS 5010, 5020, or equivalent. Three semester hours.

OTS 7820. Exegesis in the Writings - Intensive exegetical study of the Hebrew text of some portion of the "Writings" (*Kethubim*) section of the canon. Prerequisite: OTS 5150, 5160 and OTS 5010, 5020, or equivalent. Three semester hours.

OTS 7910. Seminar in Semitic Languages - Introduction to the basic grammar with reading of selected texts in one of the following Semitic Languages: Ugaritic, Phoenician, Aramaic, Syriac, or Akkadian with the assumption that reading texts in various Semitic languages sharpens philological and historical analyses of the ancient Near Eastern world, of which ancient Israel was a part. Prerequisite: OTS 5010, 5020 or equivalent. Three semester hours.

OTS 7930. Seminar - An investigation of a selected topic concerning OT literature, history, archaeology, or theology. Three semester hours.

OTS 7970. Senior Project - Preparation of a senior project approved by the faculty (by approved petition only). Three semester hours.

OTS 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty (by approved petition only). Three semester hours.

OTS 8000. The Psalms and Christian Ministry - This course will explore the Psalms as examples of Israel's religious poetry, practice, and theology—all helpful for preaching, worship, teaching, and counseling today. Three semester hours.

OTS 8100. The Ten Commandments - This course will approach the Ten Commandments as the nucleus of the larger collections of legal and ethical material in the Pentateuch, which comprise a vital part of the background for Christian ethical teaching. Some attention will be given to law in the ancient Near East, as it provides a window for the biblical legal material. Three semester hours.

OTS 8200. The Book of Job and the Problem of Suffering - This course will explore the central purpose and "message" of the Book of Job in relation to the Old Testament affirmations of the goodness and sovereignty of God. Some attention will be given to ancient Mesopotamian formulations of the problem of human suffering so as to provide a larger framework for the study of Job. Three semester hours.

OTS 8300. Project - Five semester hours.

OTS 8400. Seminar - Advanced study of selected topics. Three semester hours.

SUPERVISED MINISTERIAL FORMATION

SME 6150+/6160+. Internship/Field Education - Supervised experience in a ministry setting. Requirements: a learning contract agreed upon by the student, the supervisor, and the course professor; a minimum of 7 hours a week for two semesters (the number of hours may be compressed into one summer); reports by the student and the supervisor. For students who are already engaged in congregational ministries, the supervision will be provided, and the requirements superimposed on the student's work program so as to make of that ministry a valid learning experience. Fee required. CMC students may elect to complete CPE credit to replace SME 6150/6160. One semester hour each semester.

SME 6157. Mentored Ministry Experience - This course seeks to provide students with mentors as they continue to serve in the practice of ministry. This becomes an independent course under the supervision of the Christian ministries faculty. Three semester hours.

SME 6950+. Hospital Ministry Experience - A combination of didactic sessions and supervised ministry experience in a hospital or similar setting. This course is designed to assist the student in developing self-awareness and the pastoral skills necessary in the congregation and other settings. Each ten-hour week of the fifteen-week course is comprised of one-and-a-half hours of lecture, three hours of group sessions, and five-and-a-half hours of clinical experience in an assigned clinical area. The class is offered in the summer. This course is offered through the Johnson City Medical Center (JCMC) and will require a course fee of $500.00 to be paid to JCMC through the Milligan Business Office. (This replaces the tuition and fees for this course; no scholarships apply.) Three semester hours.

THEOLOGY

TH 5010. Theological Latin - A basic language study having as its goal the mastery of sufficient grammar and vocabulary to read theological texts. Offered on request. This course may not be used to meet the TH area core or elective requirements in any degree program; it can be used only as an open elective. Three semester hours.

TH 5020. Theological German - A basic language study having as its goal the mastery of sufficient grammar and vocabulary to read theological texts. Offered on request. This course may not be used to meet the TH area core or elective requirements in any degree program; it can be used only as an open elective. Three semester hours.

TH 5150+. Introduction to Christian Theology - An introduction to the primary beliefs that shape the faith of the Church. By employing the Gospel as its primary resource, Christian Theology responds to life's persistent questions and spiritual conditions and reminds us that there is no more urgent task in the Church than to demonstrate the faith by living truthfully with others (neighbors) before God. This means that the Church's unique responsibility is to practice the Gospel by bearing witness in its speech and life to the reality of God's presence and action in Jesus Christ and the Holy Spirit. Offered fall term each year. Three semester hours.

TH 5157. Introduction to Theology - By employing the Gospel as its primary resource, Christian theology responds to life's persistent questions and spiritual conditions and reminds us that there is no more urgent task in the Church than to demonstrate the faith by living truthfully with others (neighbors) before God. In this course, students will learn about the Church's unique responsibility to practice the Gospel by bearing witness in its speech and life to the reality of God's presence and action in Jesus Christ and the Holy Spirit. Three semester hours.

TH 5160+. Christology - A constructive overview of biblical, historical, and contemporary depictions of Christ with reflection on the birth, ministry, crucifixion, and resurrection of Jesus as central to Christian confession, worship, and theology. Prerequisites strongly recommended: TH 5150 and CH 5010. Offered spring term each year. Three semester hours.

TH 5167. Christological Principles for Ministry - This course outlines the significance of Jesus' birth, death, and resurrection for pastoral

ministry and Christian worship. Students will be introduced to historical and contemporary theologians who discuss theological principles related to the incarnation, crucifixion, and the resurrection of Jesus vital to Christian life. Students will be invited to consider where these principles are under threat, misunderstood, and miscommunicated within Christian communities and how they might be restored. Prerequisite: TH 5157. Three semester hours.

TH 5310. Theology and Mission - A course examining the following questions: (a) What do basic Christian doctrines teach about mission? (b) How can theology evaluate the processes by which Christian faith is expressed via languages and cultures? (c) How does Christian faith relate to other faiths and ideologies? (d) What can we learn from Christians doing theology in non-western contexts? Cross-listed as CMM 5310. Three semester hours.

TH 6210. The Doctrine of God - A constructive examination of biblical, historical, and contemporary views of God. Prerequisite: TH 5150. Three semester hours.

TH 6220. The Doctrine of the Spirit - A constructive examination of biblical, historical, and contemporary views of the Spirit. Prerequisite: TH 5150. Three semester hours.

TH 6310. History of Biblical Interpretation - Analysis of the metamorphoses in biblical exegesis and theological interpretation of Scripture from the patristic period to the burgeoning of critical biblical studies in the nineteenth and twentieth centuries. The course focuses on distinctive hermeneutical models, notions of divine "accommodation" in Scripture, historic attempts to discern multiple senses (literal, allegorical, etc.), and the changes in exegetical method in the transitions from pre-critical, to critical, to post-critical approaches to the Bible. Students examine various representative interpreters and certain exemplary scriptural texts as they have been construed in different historical contexts. Cross-listed as CH 6310. Three semester hours.

TH 6320. Historic Christian Thinkers - This elective course gives concentrated attention to a variety of celebrated thinkers, East and West, who have had a profound influence and legacy in the history of Christian thought. The course will take one of two forms: (1) a focus on one or more individual theologians from a certain period or context; or (2) a focus on a particular theme elaborated by representative thinkers over the course of Christian history. Students will be encouraged to research not only these theologians' contributions to doctrinal theology but also their role in shaping worship, spirituality, ministry, ethics, and other aspects of the life of the church in their own contexts and beyond. Prerequisite: CH 5150. Cross-listed as CH 6320. Three semester hours.

TH 6330. Theological Interpretation - An introduction to theological approaches to the meaning of biblical texts with critical assessments of the methods and models that currently inform interpretation and a constructive proposal for spiritual interpretation through a paschal lens. Prerequisite: TH 5150. Three semester hours.

TH 6340 Historic Christian Thinkers: Women Theologians - Gives concentrated attention to celebrated women theologians and writers who have had a profound influence on the history of Christian thought. Particular attention is given to important themes of feminist theology: the role of experience, understandings of the triune God, Christian authority, biblical interpretation, and patterns of exclusion/inclusion within the church. Writers and theologians covered in this course include the Desert Mothers, Marguerite Porete, Julian of Norwich, Elizabeth Johnson, M. Shawn Copeland, Wendy Farley, and Serene Jones among others. Prerequisite: TH 5150. Three semester hours.

TH 6350 Historic Christian Thinkers: Karl Barth – Gives concentrated attention to Karl Barth, a Swiss Reformed theologian known for his commentary, The Epistle to the Romans, his involvement in the Confessing Church, and his much discussed and seminal theological work, the Church Dogmatics. Prerequisite: TH 5150. Three semester hours.

TH 6510. Ecclesiology - An introduction and survey course on Christian ecclesiology: historical, biblical, sacramental, and theological. The course will center on the ways in which theologians have expressed the mission of the church, the distinctive marks of the church, the nature of life, polity, and worship within Christian communities, and the relationship between the local church and church catholic. Special attention will be given to Free Church ecclesiology. Three semester hours.

TH 6520. Soteriology: Atonement and Reconciliation - The course focuses on the primary texts that deal with Christian doctrines of atonement and reconciliation and their value, relevance, and importance for the contemporary world. It will highlight such themes as the image of God in the human person (anthropology), the nature of human condition as a sinner (harmatology), the meaning of Christ's life and death (Christology), and theories of salvation (Soteriology). Prerequisites: TH 5150 and TH 5160. Three semester hours.

TH 6530. Theology of Wealth and Poverty - An exploration of biblical teaching about wealth and poverty as well as the diverse interpretations of that teaching in the history of the Christian thought and practice. The goal of the course is to appreciate the paradoxical character of biblical teaching on wealth and poverty as well as recognize the diverse ways in which theology on wealth and poverty have impacted and shaped current socio-economic practices. The value of the course is to help students reflect and respond theologically to the social distribution of wealth and poverty in the 21st century—especially when the majority of Christians will be in the global South. Prerequisite: TH 5150. Three semester hours.

TH 6610. Theology, Narrative, and the Well-written Life - An exploration of narrative testimony both in personal creative writing and in the writings of exemplary authors. Students are invited to explore the contours of spiritual memoir, why the genre resonates with contemporary readers, and how authors work within the genre to convey theological content and reflection. The course also provides a context for students to practice the skills of personal narrative writing and editing, reading and listening, and giving and receiving constructive feedback. This course is about learning how personal stories redeem, how to write and speak them, and how to foster environments that bring such stories to life. Prerequisite: TH 5150. Three semester hours.

TH 6620. Theology and the Arts - A course on theology or an aspect of theology in artistic expression drawing on any of the following: literature, fine art, cinema, music. Prerequisite: TH 5150. Strongly recommended: TH 5160. Three semester hours.

TH 6710. Major Religions of the World - An examination of the major non-Christian historic religions by which human beings have sought to understand themselves and relate to their world. Consideration of background, development, and major concepts. Cross-listed as CMM 6710. Three semester hours.

TH 6720. Contextual and Liberation Theologies - Contextual theologies are often liberation theologies that emphasize human freedom as its starting point and specific cultures as its context. This course explores fresh ways of thinking about the triune God, especially in the southern hemisphere, but also among marginalized groups in the northern hemisphere; in short, wherever the issues of justice and freedom are at the forefront. We examine the biblical notion of liberation as it has found expression in statements from major conferences and key theologians of the movement. Above all, the course attends to the life and ministry of Jesus as the central focus of liberation. Prerequisite: TH 5150 or TH 5160. Three semester hours.

TH 6730. Theology of Religions - An introduction to Christian theological approaches to other religions, religious pluralism, and comparative theology with consideration of matters related to salvation,

the nature of God, and the person of Christ. Prerequisite: TH 5150 and TH 5160. Three semester hours.

TH 6740. Christian Social Ethics - An introduction to ethical reasoning and theological reflection on selected problems in Christian social ethics.

TH 7000. Readings in Christian Theology - A reading course in an area selected by the student in consultation with the professor, and approved by the faculty. Hours to be determined. Prerequisite: TH 5150 and TH 5160. (By approved petition only.)

TH 7910. Seminar: Church and Society - An examination of the manner in which the Church interacts with contemporary social orders in the United States and abroad together with theological reflection. Three semester hours.

TH 7920. Theologies of the Body - Historical and theological reflection on the body from the biblical literature through contemporary sources as counterpoint to the Western propensity toward dichotomies between body & soul, mind & matter, as well as the social and economic forces that commodify the body. Prerequisite: TH 5150. Three semester hours.

TH 7930. African Theology - This course introduces students to a general knowledge of the development of African theology and its impact within Africa's social and cultural context. It focuses on African Christian theologians who have questioned the suitability of western Christianity to Africa. It will also highlight some of the creative ways Christianity is expressed in Africa, particularly in the African instituted churches. What are the prospects of this modern African experience in the future shape of Christian theological discourse? Prerequisite: TH 5150. Cross-listed as CMM 7930. Three semester hours.

TH 7940. New Voices in Theology - A survey of the challenges and the opportunities confronting theology and the Church as seen in the eruption of new voices that have expanded the theological discourse: African American, Women, and Third World. More recently, indigenous, Womanist, Hispanic-American, Asian-American have added their voices, thus expanding the theological conversation. The course identifies points of convergence and divergence, examines hermeneutical and methodological perspectives, and probes the riches of diversity and dangers of relativism. Prerequisites: TH 5150 and TH 5160. Three semester hours.

TH 7950. Seminar in Theology - An advanced study of some phase of theology. Topics may include theology and science, sociology of religion, philosophy of religion, etc. Three semester hours.

TH 7980. Thesis - Preparation of a thesis on a significant topic approved by the faculty. Prerequisites: TH 5150 and TH 5160. (By approved petition only.) Three semester hours.

TH 8000. Christology: Trends and Models - Who is Jesus Christ? What did he accomplish? The course will survey Old Testament and New Testament backgrounds, views held within the church and outside, and will critically analyze modern trends and models from as many Christian traditions and as many areas of the globe as possible. Three semester hours.

TH 8100. Soteriology: Trends and Models - What does salvation mean? How does it relate to the work of God in Christ through the Holy Spirit? The course provides a survey of Old Testament and New Testament texts, views taken from the history of the church and the cultures in which the church lived, and a critical analysis of modern models and trends from as many Christian traditions and as many areas of the globe as time allows. Three semester hours.

TH 8200. Pneumatology: Trends and Models - Who or what is the Holy Spirit? What does the Holy Spirit do? The course offers a survey of Old Testament and New Testament backgrounds, historical views from outside and inside the church, as well as a critical analysis of contemporary trends and models from as many Christian traditions and as many areas of the globe as possible. Three semester hours.

TH 8300. Project - Five semester hours.

TH 8400. Seminar - Advanced study of selected topics. Three semester hours.

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Adam L. Bean, Assistant Professor of the Practice of Biblical Studies (2019), B.A. Johnson University; M.Div., Emmanuel School of Religion; M.A. and Ph.D., Johns Hopkins University.

*Jason A. Bembry, Professor of Old Testament (*2005-2015; 2004-2005, 2015),* B.A., Lipscomb University; M.Div., Gordon-Conwell Theological Seminary; Ph.D., Harvard University.

B. Lee Blackburn, Jr., Associate Professor of Humanities and History (2008), B.A., Milligan College; M.T.S., University of Notre Dame; Ph.D., University of Notre Dame.

Michael J. Blouin, Associate Professor of English and Humanities (2012), B.A. and M.A., University of Vermont; Ph.D., Michigan State University.

*Paul M. Blowers, Dean E. Walker Professor of Church History (*1989-2015; 2015),* B.A., Milligan College; M.Div., Emmanuel Christian Seminary; M.A. and Ph.D., University of Notre Dame.

J. Curtis Booher, Professor of Christian Ministries (2006), B.A., Milligan College; M.Div. and D.Min., Emmanuel Christian Seminary.

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Because Milligan University wishes to continue its relationships with those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

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The Milligan University Varsity Club Endowment
The Richard Charles Millsaps Memorial Scholarship Fund
The W. Hobart and Myra B. Millsaps Scholarship Fund
The Willard and Lucille Millsaps Memorial Fund
The Ministerial Scholarship Endowment Fund
The Ministry Leadership Program Scholarship Fund
The Kathryn E. Morgan Mitchell Scholarship Fund
The Clarence Mohler Scholarship Fund
The Carl C. Monin Memorial Fund
The James L. Q. Moore, Jr. Scholarship Fund
The Sarah Nelms Morison Nursing Scholarship
The John L. and Sarah Jean Morrison Scholarship Fund
The Sarah E. and Rolina Morrison Scholarship Fund
The James K. and Julia A. Musick Memorial Scholarship
The Navy V-12 Scholarship Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Mr. and Mrs. Olbert Clark Noble Endowed Scholarship
The Massey G. and Alace C. Noblitt Scholarship Fund
The Guy and Rhea Oakes Scholarship
The Clarence and Violet Helen Overman Memorial Fund
The John C. Paty, Sr. Memorial Fund
The Mary Perry Scholarship Fund
The Phillips Family Pre-Optometry Award
The B. D. Phillips Ministerial Fund
The David Dwight Phillips Memorial Scholarship in Education
The Gail Phillips Endowment Fund
The G. Richard and Rebecca R. Phillips Faculty Development Fund
The Joel Douglas Phillips Memorial Scholarship in Business
The Richard Phillips Outstanding Legal Studies Student Scholarship
The T. W. Phillips Memorial Fund
The Jason Pittser Family Basketball Scholarship Fund
The Gary and Bobbie Porter Ministry Scholarship
The George and Blanche Potter Ministerial Scholarship
The Eugene P. Price Scholarship Fund
The Claude Prince Memorial Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The James W. Pruitt Memorial Fund
The James H. and Cecile C. Quillen Scholarship Fund
The Forrest L. and Helen M. Ramser Scholarship Fund
The Helen M. Ramser Scholarship Fund
The W. V. Ramsey Ministers Scholarship
The Edgar Randolph Memorial Fund

The Clyde Ratliff Memorial Fund
The Boyd Ray Scholarship
The Bill Rhoades Outstanding Accounting Student Scholarship
The E. Henry Richardson Scholarship Fund
The Raymond R. Roach Memorial Fund
The Kenneth L. Roark, M.D./Martin L. Roark Medical Scholarship Fund
The Emily Ann Roberts "Seahorse Project" Scholarship Fund
The Ronald T. and Sylvia M. Roberts Endowed Scholarship Fund
The Donald G. Sahli Endowed Scholarship Fund
The Donald G. Sahli Memorial Fund
The Dr. A. Dain Samples Ministerial Scholarship
The Dr. A. Dain Samples Scholarship
The James and Frances Sanders Scholarship Fund
The Philip Scharfstein Scholarship Fund
The Harold W. Scott Memorial Scholarship
The Howard and Mary Shaffer German Studies Endowment Fund
The Howard E. and Mary L. Shaffer German Scholarship
The Chief Judge Allen Sharp Pre-Law Scholarship and Loan Fund
The Shipley-Swann Endowed Scholarship Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Lone Sisk Scholarship Fund
The C. Bascom Slemp Scholarship for Lee and Wise Counties, Virginia
The Ralph Small Scholarship
The Clyde and Hassie Ann Smith Memorial Fund
The Harry A. Smith Memorial Scholarship Fund
The Martin and Louise Smith Scholarship for the Handicapped
The Evelyn Widener Snider Memorial Scholarship
The South-West Insurance Agency, Inc. Scholarship
The Ernest K. Spahr English Scholarships
The W. I. Spahr Fund
The Mr. and Mrs. Roger W. Speas Scholarship Fund
The Herschel J. Springfield Memorial Fund
The Mary Stewart, Beulah Roberts and Fydella Evans Scholarship Fund
The Kathryn Noblitt Story Scholarship in Nursing Fund
The Mr. and Mrs. W. B. Stump Memorial Scholarship Fund
The Sutton Memorial Fund
The Tacoma Church of God Scholarship Fund
The Judge Robert L. Taylor Memorial Fund
The J. Harold and Roxanna Norton Thomas Scholarship Fund
The Cynthia I. Torbett Memorial Fund
The Glenn and Dorothy Torbett Scholarship Fund
The Trivette Scholarship Fund
The Roy True Memorial Scholarship Fund
The A. Keith Turkett Scholarship in the Area of Education
The Shirley Miller Turkett Scholarship in the Area of Nursing
The Edgar Ralph Turner Memorial Fund
The Underdeveloped Countries Scholarship
The Aylette Rains Van Hook Memorial Fund
The Mrs. William Butler Van Hook Memorial Fund
The F. Lee and Florence Vincent Endowed Scholarship
The Virginia Gardens Christian Church Scholarship Fund
The Frank and Janie VonCannon Memorial Fund
The Waddy Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Duard and Carolyn Walker Scholarship Fund
The W. R. Walker Ministerial Scholarship Fund
The Wendy I. Walstrom Memorial Scholarship
The Emerald Webb ALM Scholarship Fund
The Henry and Emerald Webb Christian Unity Lectureship Fund
The Don and Annadell Wiggins Endowed Scholarship Fund
The Eugene H. and Shirley W. Wigginton Scholarship Fund
The Glen M. and Jane H. Williams Scholarship Fund
The Howard White Williams Scholarship Fund
The Dorothy S. Wilson Memorial Fund
The Edgar Wilson Memorial Fund
The Wiley Wilson Award
The Ruby Clark Winningham Scholarship Fund
The George and Donna Winton Engineering Scholarship
The Young Alumni Scholarship Endowment
The Palmer & Elva Young Ministry Scholarship
The Harold and Debby Zimmerman Scholarship Fund

Class Funds

The 1955 Class Fund
The 1962 Class Fund
The 1964 Class Fund
The 1968 Class Fund
The 1973 Class Fund
The 1976 Class Fund
The 1977 Class Fund
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The 1991 Class Fund
The 1993 Class Fund
The 1999 Class Fund
The 2004 Class Fund
The 2016 Class Fund

Annually Funded Initiatives

Associated Ladies for Milligan
The Ballad Health Nursing Scholarship
The Cherry Avenue Christian Church Ministry Scholarship
The Betty Goah Scholarship
The Patricia Huffine Scholarship
The Wayne and Sylvia Hunter Scholarship
The Jeanes Scholarship Fund
The Tom and Debbie Jones Stadia New Church Leadership Scholarship
The Mountain Mission School Hopwood Scholarship
The John Robert Neely, Jr. Scholarship
The Nuclear Fuel Services, Inc. Scholarship
The Pacific Northwest Scholarship
The Pioneer Catering Scholarship
The Earl Stuckenbruck Award for Excellence in Greek
The Norma Tetrick Scholarship
The United Daughters of the Confederacy, Selma Curtis Music Scholarship
The Kelly and Linda Williams Fund for Engineering

Faculty Chairs of Emmanuel Christian Seminary

The Russell F. and Marian J. Blowers Chair of Christian Ministries:
Professor Jack Holland

The Beauford H. Bryant Chair of New Testament:

The Toyozo W. Nakarai Chair of Old Testament:

The Dean E. Walker Chair of Church History:
Professor Paul M. Blowers

The Dorothy Keister Walker Chair of Christian Education:

Endowed Funds of Emmanuel Christian Seminary

The Todd Beamer Fund
The Charles E. Burns Memorial Fund
The Howard Cord Library Fund
The Rolland and Stella Ehrman Memorial Fund
The J. Omer Fitzsimmons Library Fund
The Gerald E. Hackenburg Memorial Fund
The Edwin V. Hayden Lectureship
The Ruth and Garland Horton Fund
The Larry and Marion Hostetler Award for Worship Arts
The Julie Hyder, Bob, Laura and Kevin Mahan Memorial Library Fund
The Institute Fund
The Donald and Clarinda Jeanes Fund
The Dr. W. Milton Johnstone and Grace E. Johnstone Library Fund
The Kershner Memorial Lectureship
The Hazel C. Kirk Library Fund
The New Testament Seminar Library Fund
The B.D. Phillips Memorial Building Maintenance Fund
The G. Richard and Rebecca R. Phillips Fac. Development Trust Fund
The Luther and Jessie Phillips Memorial Fund
The Ross-Smith Lectures in Pastoral Care Fund
The Brack Sams Fund
The Joseph J. Stephens Memorial Fund
The Estal Taylor Sermon Award
The Fred P. Thompson Library Fund
The Walker Restoration Archives Library Fund
The William P. Walker Memorial Fund
The Westwood Lectureship

Endowed Scholarship Funds of Emmanuel Christian Seminary

The Alber Scholarship Fund
The Earl and Enola Atterberry Scholarship
The Todd Beamer Scholarship
The Lyman T. and Ellen B. Bixler Memorial Scholarship
The Alwin H. Blankinship Memorial Scholarship
The Charles M. and Rheba P. Bledsoe Scholarship
The Dr. William S. Boice Scholarship
The William Henry and Catherine (Kate) McKenzie Book Scholarship
The B.E. and Irene E. Boyce Memorial Scholarship
The George Washington and Martha Washington Bradley Scholarship
The Crossbridge Christian Church and Thomas M. Bredthauer Scholarship
The Beauford H. and Dorothy J. Bryant Scholarship
The Beauford Bryant Preaching Scholarship
The James K. Buck, II Memorial Scholarship
The Carver Scholarship
The Sang Hyun Chae Family Scholarship
The Mary Nicholson Chafin Scholarship
The Robert and Jean Chafin Scholarship
The Frank and Charlotte Chapman Memorial Scholarship
The Christian Church of Hillsboro, Oregon Scholarship
The Milton Warren and Ozello McKenzie Christie Scholarship
The Daniel J. Colter Endowed Scholarship
The Doyle and Mary Lee Cook Scholarship Fund
The Coquille Christian Community Church Scholarship Fund
The Bud and Wanda Corey Scholarship
The Robert and Jane Cosgrave Tuition Scholarship
The Jack L. and Bonnie F. Covington Memorial Scholarship
The Howard and Mary Crawford Memorial Scholarship
The Crossbridge Christian Church Scholarship
The Owen L. Crouch Preaching Ministry Scholarship
The Everette B. Currier Tuition Scholarship
The Joseph H. Dampier Scholarship
The Frank and Norine Davis Scholarship
The Emma Dean Memorial Scholarship
The Nellie P. Denny Scholarship
The Roy C. Derting Memorial Scholarship
The Douglas A. Dickey Scholarship
The Greek Drullinger Scholarship
The Anna and W. Donald Earon Tuition Scholarship Fund
The Gilbert Ebarb Memorial Scholarship for Daughters in Ministry
The James and Vesta Edin Evangelism Scholarship
The Rolland L. and Stella P. Ehrman Scholarship Fund
The Lowell Ellis Scholarship
The Lowell and Wilma Ellis World Mission Scholarship Fund
The Rowland and Ivabelle Evers Scholarship
The Harvey J. and Lula Farmer Preaching Scholarship
The Earl Hanson Fife Scholarship Fund
The Robert O. and LaVada G. Fife Scholarship
The Thomas W. and Elizabeth Anne Warnick Fife Scholarship
The William P. Fife Military Chaplaincy Scholarship
The First Christian Church of Orofino, Idaho Scholarship
The Fitzsimmons Memorial Scholarship Fund
The Douglas and Phyllis Fox Scholarship
The Robert and Martha Frak Scholarship
The Ellen Gibbs Ministerial Scholarship
The Ray and Effie Giles World Mission Scholarship
The Michael and Christine Hachey Scholarship
The R.L. "Dock" Haley Scholarship
The Roy and Wanda Lee Hampton Scholarship
The Edwin V. and Hester W. Hayden Scholarship
The Howard and Florence Hayes Memorial Scholarship
The Helsabeck Memorial Fund Scholarship
The Robert and Ruth Helsabeck Scholarship
The Edgar Ethan and Ruth Jordan Hiatt Scholarship
The Robert W. and Ruth K. Hobbs Scholarship
The Horsepasture Christian Church Scholarship
The J. Paul and Coralie R. Huff Youth Ministry Scholarship
The Marvin and Marie Johnson Scholarship
The Rex and Donella Jones Scholarship
The Stephen P. Jones Memorial Mission Scholarship
The George W. and Myrtle C. Kaseberg Memorial Scholarship Fund
The Donovan and Dorothy Kimball International Student Scholarship
The Frank and Nelle Kirk Scholarship
The Wallace B. Kirk Scholarship
The Kleinjan Sisters Scholarship
The William and Ruth Kleinjan Scholarship
The Grace Roberts and Henrietta Kleinjan Scholarship
The Harlan H. Lanzer Memorial Scholarship
The Rex and Eileen Lawson Preaching Scholarship
The Bonnie Linkmeyer Scholarship
The Carl E. Martin Memorial Scholarship
The Alyne and W.T. Mathes Tuition Scholarship
The Charles R. and Donna I. McCord Scholarship
The William F. and Joy A. McCoy Memorial Scholarship
The Everett H. and Donzella N. McGee Scholarship

The Richard and Marcia McVay Scholarship
The Erby and Lorraine Messimer Scholarship
The George Elmer and Myrtle Montgomery Scholarship
The Ruth and A.R. Morgan Scholarship
The Bill & Lois Morse Scholarship Fund
The Esther Matthews Mossbarger Memorial Scholarship
The James Mossbarger Family Scholarship
The William E. "Sonny" and Eulah "Sweetie" Mottern Scholarship
The Ella Mae and Dottiezel Myrick Memorial Scholarship
The John Robert Neely, Jr. Scholarship Fund
The Bill and Judy Norris Scholarship
The Frederick Walter and Carol Brooks Norris Scholarship
The Norwood's Campbell Scholarship
The Winfred F. and Fay Nell Norwood Scholarship
The Nunley Scholarship Fund
The Lyle E. and Bertha M. Olmstead Scholarship
The Chaplain Dan Otero Memorial Scholarship
The Richard and Carol Owen Ministry Scholarship
The John T. and Ruth A. Parish Scholarship
The Robert D. Patton Family Scholarship
The Christian J. Pfaff Memorial Scholarship
The Timothy and Mary Phillippe Scholarship
The Calvin L. Phillips Memorial Scholarship
The Donald and Mary Hulton Phillips Scholarship
The Gail M. Phillips Memorial Scholarship
The George J. and Blanche M. Potter Scholarship
The Delbert and Itha Pratt Scholarship
The Presidential Scholarship
The Helen Dulaney Preston Fig Tree Fellowship Scholarship
The James W. and Nova Pruett Scholarship
The Forrest L. and Helen Ramser Scholarship
The William J. and Audrey M. Richardson Scholarship
The Mamie and Elmer Ross Memorial Tuition Scholarship Fund
The Mildred J. and Glenn E. Ross Scholarship
The Gideon E. and Sara R. Rudberg Scholarship
The Brack R. and Sara Elizabeth Sams Scholarship
The Ben and Estelle Schiller Fig Tree Fellowship Endowed Scholarship
The Flo Schmidt Scholarship
The Robert and Ronald Schnelle Service Scholarship
The Gloria C. Seese Memorial Scholarship
The Donald E. and Beatrice S. Shields Scholarship
The Ralph E. and Donna A. Sims Scholarship
The Hylda Smith Fig Tree Fellowship Endowed Scholarship
The Elmer E. Stewart and J. James Coffey Memorial Scholarship
The Stowers Family Mission Scholarship
The Donald G. and Donna J. Suchan Memorial Scholarship
The Charles R. and Betty J. Taber World Mission Scholarship
The Harley L. and Reba F. Teel Scholarship
The Dorothy Thompson Fig Tree Fellowship Scholarship
The Thornley Mission Scholarship
The Frances A. Travis Memorial Scholarship
The O. A. Trinkle Distinguished Ministries Scholarship Fund
The U.G. Trivett, Jr. Scholarship
The Roy G. and Vivian J. True Scholarship
The University Street Church of Christ Scholarship
The Ralph and Frances VanDerMeulen Scholarship
The Van Dyke International Student Scholarship
The Robert and Nancy Vonhoff Scholarship
The Lowell and Mary Edna Waugh Tuition Scholarship
The Wayne and Le Ann Wertz Scholarship
The Mary Leretta and Edwin Luther Whisler Scholarship Fund
The Dr. James E. and Josephine M. Whitaker Scholarship Fund
The Robert and Dorothy Williams Family Scholarship
The Women and Minorities Scholarship
The Leonard and Thelma Wymore Scholarship
The Yarberry Memorial Scholarship
The Leslie and Pauline Zimmerman Scholarship
The Zuber Scholarship

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should contact the President or the Vice President for Institutional Advancement of the University.

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