



## SCHOOL OF

# SCIENCES & ALLIED HEALTH

## ALLIED HEALTH

Through special partnership agreements with several regional universities, students can complete three years of undergraduate coursework at Milligan and four years at a pharmacy or optometry school to earn both a bachelor's and doctorate degree in as few as seven years.

## BIOLOGY

The biology program at Milligan prepares students for careers in medicine and scientific research through coursework, lab and field experiences, research, and internships. Available coursework includes anatomy, physiology, pathology, genetics, microbiology, genetics, cellular biology, and ecology.

## CHEMISTRY

With concentrations in Biochemistry and General Chemistry, foundational knowledge of physics and math are gained as students concentrate in organic, inorganic, analytical, and physical chemistry, plus biochemistry, quantitative analysis, quantum chemistry, and computational chemistry.

## EXERCISE SCIENCE

Students study structural and functional aspects of movement efficiency, responses of the body to sport and exercise, and issues of health-related fitness and wellness. Careers in this field are fast growing, as graduates are prepared to direct recreation programs or fitness centers, serve as health or fitness specialists, teach and coach, and pursue grad study in sports psychology, biomechanics, exercise physiology, physical therapy, occupational therapy, and more.

## MATH

The math program aims to prepare students for careers in math education or to attend graduate school in mathematics. Students will gain knowledge and skills in calculus, algebra, and logic as they become analytical thinkers who can analyze abstract mathematical ideas and applied math problems. Advanced courses include discrete mathematics, math logic, multivariable calculus, modern geometry, differential equations, topology, mathematical modeling, numerical analysis, and real and complex analysis.

## NURSING

The Bachelor of Science in Nursing (BSN) degree program prepares students for entry into professional nursing practice. Nursing majors have extensive clinical experiences providing health care for individuals of all ages, families, and communities. The Nursing program has clinical partnerships with major medical centers, community hospitals and health centers, home health agencies, and schools. Upon completion of all BSN degree requirements, graduates of the program are qualified to sit for the National Council Licensing Exam for Registered Nurses (NCLEX-RN) following approval by a state board of nursing. The program also offers career mobility plans for RNs and LPNs seeking further professional development. The baccalaureate degree program in nursing at Milligan University is accredited by the Commission on Collegiate Nursing Education (<http://www.ccnaccreditation.org>).

## OCCUPATIONAL THERAPY

Milligan undergraduate students are eligible for our unique *Early Acceptance Program*, which provides tuition incentives and the opportunity to secure a spot in the Master of Science in Occupational Therapy (MSOT) program by the junior year. MSOT is recognized for its engagement of students and faculty in the community, hands-on clinical experiences, and preparation for the realities of professional practice. Visit [milligan.edu/MSOT](http://milligan.edu/MSOT).

## PHYSICIAN ASSISTANT

The 28-month Master of Science in Physician Assistant Studies (MSPAS) prepares highly trained healthcare professionals in a variety of medical specialties.

The Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) has granted Accreditation – Provisional status to the Milligan University Physician Assistant Program sponsored by Milligan University. Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA Standards or when a program holding Accreditation Provisional status appears to demonstrate continued progress in complying with the Standards as it prepares for the graduation of the first class (cohort) of students. Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class.

## MAJORS:

- Allied Health
- Biology
- Chemistry
  - Biochemistry
  - General
- Exercise Science
  - Coaching
  - Fitness & Wellness
  - Physical Ed
  - Pre-Professional
  - Sports Management
- Mathematics
- Nursing

## MINORS:

- Biology
- Chemistry
- Coaching
- Exercise Science
- Fitness & Wellness
- Human Anatomy & Physiology
- Mathematics
- Physical Education
- Physical Science
- Physics

## DEGREE

## COMPLETION:

RN-BSN ([online](#))

## GRADUATE:

- Master of Science in Occupational Therapy
- Master of Science in Physician Assistant Studies

