BA in Mathematics

Milligan College

Catalog Year
2018-2019

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

FALL SEMESTER 1		
COURSE	TITLE	CREDITS
BIBL 123	Old Testament Survey	3
HUMN 101	Ancient & Medieval Cultures	4
MLGN 100	Intro to College & Service	0.5
MATH 211	Calculus I[1]	4
	Elective (CS 211 Program. Logic)[2]	3
	TOTAL CREDITS	14.5

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
BIBL 124	New Testament Survey	3
HUMN 102	Renaissance & Early Modern Cult.	4
COMP 111	Rhetorical Composition	3
MATH 212	Calculus II[1]	4
	General Elective	3
	TOTAL CREDITS	17

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cent. Cultures	4
MATH 301	Intro. to Math Logic	3
MATH 303	Multivariable Calculus	4
COMP 211	Found. Analytical Composition	3
	Foreign Language	3
	TOTAL CREDITS	17

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Centuries	4
MATH 307	Linear Algebra	3
	Ethnic Studies GER	3
	Foreign Language	3
	General Elective	2
MLGN 200	Intro to Calling and Career	0.5
	TOTAL CREDITS	15.5

FALL SEMESTER 3		
COURSE	TITLE	CREDITS
COMM 102	Speech Communication	3
	Lab Science-recommend PHYS 203	4
MATH	MATH Elective 300-400 Level	3
	Foreign Language	3
	General Electives	3
	TOTAL CREDITS	16

SPRING SEMESTER 3		
COURSE	TITLE	CREDITS
	Social Learning GER	3
	Lab Science-recommend PHYS 204[3]	4
MATH	MATH Elective 300-400 Level	3
	Foreign Language	3
	General Elective	3
EXSC 101	Fitness for Life	1
	TOTAL CREDITS	17

FALL SEMESTER 4		
COURSE	TITLE	CREDITS
BIBL 471	Christ & Culture	3
MATH 495	Seminar	3
	General Electives	9
	TOTAL CREDITS	15

SPRING SEMESTER 4		
COURSE	TITLE	CREDITS
	MATH Elective 300-400 Level	3
	General Electives	13
	TOTAL CREDITS	16
	MINIMUM 128 NEEDED FOR GRAD	128

[1]It is vital that freshman math majors take Calculus. If they do not take Calculus, they may not graduate on time without summer courses
[2]Highly Recommended
[3]Students may choose GNSC 101 Science in Your World (2hr) in place of a 2nd lab science course
Depending upon a student's post-bacc plans, other courses may be required for admission to graduate programs, so CONSULT with your adviser

Preferred MATH Electives are (consult math professors for guidance):

FALL Courses:
MATH 304 Modern Geometry
MATH 314 Probability & Statistics I
MATH 408 Numerical Analysis
MATH 411 Intro to Real Analysis

SPRING Courses:
MATH 302 Discrete Mathematics
MATH 308 Modern Algebra
MATH 309 Differential Equations
MATH 351 Math Modeling
MATH 412 Intro to Complex Analysis