

Marian University 2018 - 2019

Student's Name: _____

Date: _____

Major: Mathematics (BS)

120 Credits Required for Graduation

46-49 Liberal Arts Core Curriculum University Requirements

<p>FIRST-YEAR STUDIES - 3 credits - All students entering Marian University with fewer than 24 credits are required to successfully complete GEN 101. Transfer students with 24 or more credits do not need to complete GEN 101.</p> <p>Total # of Transfer Credits: _____ <input type="checkbox"/> Gen 101 required <input type="checkbox"/> Gen 101 not required</p>				
Studies of Natural Sciences and Mathematics	CR	Required LACC if appropriate	CR	GR
Mathematics Common Core	3	see General Ed. Program requirements		
Lab Science Common Core	4	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
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Studies of Humanities and the Arts	CR	Required LACC courses if appropriate		
Philosophy Common Core	3	PHI 132		
Literature Common Core	3	see General Ed. Program requirements		
Art or Music Common Core	3	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
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Studies of Social Sciences	CR	Required LACC courses if appropriate		
History Common Core	3	HIS 101 or HIS 102		
Sociology or Psychology Common Core	3	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
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Studies of Applied Liberal Arts	CR	Required LACC courses if appropriate		
Expository Writing Common Core	3	ENG 105		
Argumentative & Research Common Core	3	ENG 106		
Elective Core	3	see General Ed. Program requirements		
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Studies of Theology	CR	Required LACC courses if appropriate		
Theology Common Core	3	THE 101		
Elective Core	3	see General Ed. Program requirements		
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Mathematics Program Specific Requirements	CR			
<p>Mathematics majors must achieve a 2.50 GPA in all of their mathematics coursework before graduation.</p>				
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<p>Comments: Students must complete ½ of the credits in a given major at Marian University if transferring courses in. Students must complete 15 credits of upper level coursework in their major at Marian University and accumulate a total of 30 credits of upper level coursework overall (liberal arts, electives, transfer credits, etc.).</p>				
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Mathematics Major

38 credits as follows:

26 credits:

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
MAT 201	Calculus I	5	MAT 114 with a grade of C or higher, Permission, or appropriate math placement	X					
MAT 202	Calculus II	5	MAT 115 and MAT 201 with a grade of C or higher, Permission, or appropriate math placement		X				
MAT 212	Introduction to Abstract Mathematics	3	MAT 201 with a grade of C or higher or appropriate math placement	*	*				
MAT 301	Calculus with Analytic Geometry III	4	MAT 202 with a grade of C or higher	X					
MAT 304	Introduction to Mathematical Statistics I	3	MAT 201 with a grade of C or higher or appropriate math placement	*	*				
MAT 334	Linear Algebra	3	MAT 212 with a grade of C or higher	*	*				
MAT 344	Abstract Algebra	3	MAT 212 with a grade of C or higher	*	*				

12 Math elective credits (must be numbered above 300):

(Mathematics/Middle-Secondary Education double majors must include MAT 314 Modern Geometry, 4 cr., in these electives.)

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			

Course Cycle

- X Offered every year
- E Offered in even years (2016-17, 2018-19, etc.)
- O Offered in odd years (2017-18, 2019-20, etc.)
- * Offered at discretion of faculty as needed
- W/S Wintermester/Summer

