

Marian University 2009 - 2010

School of Mathematics and Natural Science
Mathematics Department

Student's Name: _____

Date: _____

Major: Mathematics (BS)

128 Credits Required for Graduation

46-49 Liberal Arts Core Curriculum University Requirements including *MAT 201 (48-51 credits)

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. Total # of Transfer Credits: _____ <input type="checkbox"/> Gen 101 required <input type="checkbox"/> Gen 101 not required				
Studies of Natural Sciences and Mathematics	CR	Required LACC if appropriate	CR	GR
Mathematics Common Core	3	*MAT 201		
Lab Science Common Core	4	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
Studies of Humanities and the Arts				
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		
Studies of Social Sciences				
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		
Studies of Applied Liberal Arts				
Expository Writing Common Core	3	ENG 105		
Argumentative & Research Common Core	3	ENG 106		
Elective Core	3	see General Ed. Program requirements		
Studies of Theology				
Theology Common Core	3	THE 100 or THE 102		
Elective Core	3	see General Ed. Program requirements		
Mathematics Program Specific Requirements				
	CR			
Mathematics majors must achieve a 2.50 GPA in all of their mathematics coursework before graduation. Transfer students must complete one-half of their major and one-third of their minor credits at Marian University.				
Comments				

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 112	X					
MAT 202	Calculus II	5	MAT 201		X				
MAT 212	Introduction to Abstract Mathematics	3	MAT 201						
MAT 301	Calculus with Analytic Geometry III	4	MAT 202	X					
MAT 304	Introduction to Mathematical Statistics I	3	MAT 201						
MAT 334	Linear Algebra	3	MAT 212						
MAT 344	Abstract Algebra	3	MAT 212						

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

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

3 credits:

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
TEC 212	Computer Science Basics I	3		X					

Other Requirements

36 - 39 University elective credits to meet the Graduation requirement of 128 total credits:

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

