

**GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.A. DEGREE IN MATHEMATICS
B.A. DEGREE IN MATHEMATICS (4400 Exploratory Hall, 703-993-1461)
<http://math.gmu.edu/degree-programs.php>
2018 - 2019 CATALOG**

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>MASON CORE REQUIREMENTS (*38)</u>			
a. Written Communication: ENGH 101 (100), ENGH 302 (C or better) (3,3)		_____	_____
b. Oral Communication: COMM 100 or 101 (circle choice) (3)		_____	_____
c. Quantitative Reasoning (satisfied by completion of major requirements)			
d. Literature (3)	_____	_____	_____
e. Arts (3)	_____	_____	_____
f. Western Civilization (3)	_____	_____	_____
g. Social & Behavioral Science (3)	_____	_____	_____
h. Natural Science (4,4)	_____	_____	_____
i. Global Understanding (3)	_____	_____	_____
j. Information Technology (3)	_____	_____	_____
k. Synthesis (3)	_____	_____	_____

Go to: <http://catalog.gmu.edu/mason-core/> to link to information on Mason Core requirements.

COLLEGE REQUIREMENTS (*18)

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|---|-------|-------|-------|
| a. Foreign Language: Intermediate level in a single foreign language. | | | |
| b. Philosophy or Religious Studies (3) (not PHIL 323 or 324) | _____ | _____ | _____ |
| c. Three credits in social & behavioral sciences in addition to the university-wide requirement in social & behavioral science for a total of 6 credits. The two courses used to fulfill the combined college and university requirements must be from different disciplines. This requirement may be fulfilled by completing any course in ANTH, CRIM, ECON, GOVT, HIST (except 100 or 125), LING, PSYC, or SOCI & these courses in GGS: 101, 103, 110, 301, 303, 304, 305, 306, 315, 316, 320, 325, 330, 357, 380 | | | |
| d. Non-Western Culture (3) | _____ | _____ | _____ |

*The number of hours needed to fulfill Mason Core requirements may vary; see the University Catalog for information. The two courses used to fulfill the college and university requirements for social & behavioral sciences must be from different disciplines.

MAJOR REQUIREMENTS (38 total major credit hours required)

Major Core Coursework (26 credit hours)

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|--|----------|-------|
| a. MATH 113, MATH114 (4,4) | a. _____ | _____ |
| b. MATH 125, MATH 203 (3,3) | b. _____ | _____ |
| c. MATH 213 or MATH 215 (circle choice) (3) | c. _____ | _____ |
| d. MATH 214 or MATH 216 (circle choice) (3) | d. _____ | _____ |
| e. MATH 290 (writing intensive course), MATH 322 (3,3) | e. _____ | _____ |

WITHOUT CONCENTRATION (12 credits)

Twelve additional hours above MATH 300 (excluding 400) (list course #) (12)

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|---------------|---------------|-------|-------|
| 1. MATH _____ | 2. MATH _____ | _____ | _____ |
| 3. MATH _____ | 4. MATH _____ | _____ | _____ |

Students who wish to become teachers and plan to seek teacher licensure should consider the following options: For more information, visit <http://gse.gmu.edu>

- Curriculum and Instruction Undergraduate Certificate
- Mathematics, BA or BS/Curriculum and Instruction, Accelerated MEd (Secondary Education Mathematics concentration)

(A maximum of six hours of grades of C- or D are permitted in major courses.)

GENERAL ELECTIVES: Maximum 2 credits of PHED, PRLS, and RECR coursework toward a COS degree. Only MLSC 400 and MLSC 402 may be used for credit towards a COS degree. (List courses) (12-23 credits)

MINIMUM 120 HOURS (including Minimum 45 UPPER DIVISION HOURS) to This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2018 - 2019 Catalog; the University Catalog is the official reference for program requirements.

B.A. Mathematics

2018 - 2019

FALL YEAR 1	CREDITS	SPRING YEAR 1	CREDITS	NOTES
MATH 113	4	MATH 114	4	*S.B.S = Social and Behavioral Science
Core (Written)	3	MATH 125	3	
Core (Oral)	3	Core (W.C.)	3	*W.C. = Western Civilization
Core (S.B.S)	3	Core (N.S.)	4	
Core (Arts)	3	Core (G.U.)	3	*N.S. – Natural Science
UNIV 100	1			*G.U = Global Understanding
Total:	17 credits	Total:	17 credits	

FALL YEAR 2	CREDITS	SPRING YEAR 2	CREDITS	NOTES
MATH 213 or 215	3	MATH 214 or 216	3	*Some Literature courses have a required pre-requisite of 45 completed credits.
MATH 203	3	MATH 290	3	
Core (N.S.)	4	Core (Lit)	3	
Foreign Language	4	Foreign Language	4	
		General Elective	3	
Total:	14 credits	Total:	16 credits	

FALL YEAR 3	CREDITS	SPRING YEAR 3	CREDITS	NOTES
MATH 322	3	MATH 3xx	3	*P.R.S. = Philosophy or Religious Studies
CORE (IT)	3	MATH 3xx	3	
Foreign Language	4	Foreign Language	4	*UL = Upper level
P.R.S. Req.	3	S.B.S. (College Req)	3	
		General Elective (UL)	3	
Total:	13 credits	Total:	16 credits	

FALL YEAR 4	CREDITS	SPRING YEAR 4	CREDITS	NOTES
MATH 3xx	3	MATH 3xx	3	*N.W.C. = Non-Western Culture
ENGH 302	3	MATH 400 (Synth.)	3	
N.W.C. Req.	3	General Elective (UL)	3	
General Elective (UL)	3	General Elective (UL)	3	
General Elective (UL)	3			
Total:	15 credits	Total:	12 credits	

*Students must earn 120 credits for graduation; 45 credits must be upper-level (courses 300+).