

GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.A. DEGREE IN GEOLOGY (3450 Exploratory Hall, 703-993-1211)
cos.gmu.edu/aoes/academics/undergraduate-programs/
2018 - 2019 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>MASON CORE REQUIREMENTS (*33)</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 Sequence (satisfied by completion of major requirements)	_____	____	____
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)

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 hours required)

A grade of C or better is required in GEOL 302 before students can take GEOL 304 or 308
Six credits of GEOL 404 or 6-credit geology field camp (see your advisor for details)
A GPA of 2.5 or better is required in all major course work.

a. GEOL 101, GEOL 102 (4,4)	_____	____	____
b. GEOL 302, GEOL 304 (4,4)	_____	____	____
c. GEOL 308, GEOL 312 (4,4)	_____	____	____
d. GEOL 317 (writing intensive course), GEOL 401 (4,4)	_____	____	____
e. GEOL 404 (6)	_____	____	____

ADDITIONAL SCIENCE AND MATHEMATICS (23-24)

a. CHEM 211/213 (3/1)	_____	____	____
b. One of the following: MATH 110, MATH 111, or MATH 113 (3-4) (circle choice)	_____	____	____
c. GGS 311 (3)	_____	____	____
d. PHYS 243/244 (3,1) or PHYS 160/161 (3,1) (circle choice)	_____	____	____
d. Program Courses. Nine credits of degree-related course work in a coherent program designed in coordination with an advisor and approved by the department chair. (list courses) (9)	_____	____	____
1. _____ 2. _____	_____	____	____
3. _____	_____	____	____

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)

_____	_____	____	____
_____	_____	____	____
_____	_____	____	____

MINIMUM 120 HOURS (including Minimum 45 UPPER DIVISION HOURS) to GRADUATE

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. Geology

2018 - 2019

FALL YEAR 1	CREDITS	SPRING YEAR 1	CREDITS	NOTES
GEOL 101	4	GEOL 102	4	*S.B.S = Social and Behavioral Science
MATH 113	4	CHEM 211	3	
COMM 100 or 101	3	CHEM 213	1	*W.C. = Western Civilization
Core (S.B.S)	3	ENGH 101	3	
UNIV 100	1	Core (W.C.)	3	
Total:	15 credits	Total:	14 credits	

FALL YEAR 2	CREDITS	SPRING YEAR 2	CREDITS	NOTES
GEOL 302	4	GEOL 308	4	*Some Literature courses have a required prerequisite of 45 completed credits.
Foreign Language 100-level	6	ENGH 302	3	
GEOL 309	4	Foreign Language 200-level	3	
Core (Lit.)	3	General Elective	3	
Total:	17 credits	Total:	13 credits	

FALL YEAR 3	CREDITS	SPRING YEAR 3	CREDITS	NOTES
GEOL 317	4	GEOL 313	3	*G.U. = Global Understanding
GEOL 304	4	S.B.S. Req. II	3	
PHYS 243	3	PHIL/RELI Req.	3	
PHYS 244	1	Core (IT)	3	
General Elective	3	Core (G.U.)	3	
Total:	15 credits	Total:	15 credits	

FALL YEAR 4	CREDITS	SPRING YEAR 4	CREDITS	NOTES
GEOL 420	3	GEOL 401	4	*N.W.C. = Non-Western Culture
GEOL 312	4	GGG 311	3	
N.W.C. Req.	3	GEOL 404	6	*GEOL 404 generally taken during summer at office-campus site.
GEOL 303	3	Core (Arts)	3	
		General Elective	2	
Total:	13 credits	Total:	12 to 18 credits	Take at least 12 credits in spring.

*Students must earn 120 credits for graduation; 45 credits must be upper-level (courses 300+).
 *GEOL 309, GEOL 313, and GEOL 303 are recommendations for the required 9 additional credits of degree-related coursework, but they can be substituted for other degree-related courses. Some courses that are recommended but not required are GEOL 363 and STAT 250. The student may wish to take these courses where there is space for general electives.