

Fall Geology Classes	Spring Geology Classes	Geology Classes Taught Every Semester
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FRESHMAN

Fall Semester	Units	Spring Semester	Units
GE A.1 Oral Comm (HCOM 100)	3	GE A.3 Critical Thinking (READ 290)	3
GE A.2 Written Comm (ENGL 101)	3	GE C.4 World Civ (HIST 110A)	3
GEOL 101 Physical Geology	3	GEOL 201 Earth History	3
GEOL 101L Physical Geology Lab	1	MATH 130 OR 150A OR MATH 338	4/5
MATH 115 (for MATH 130 track) OR MATH 125 (for MATH 150A track) OR MATH 130	4 5 4	MATH 130W – if taking MATH 130	(1)
MATH 115W, 125W or 130W	(1)		
TAKE CHEMISTRY PLACEMENT EXAM		CHEM 115 POSSIBLY	(4)
Total	15/16		14 (18)

SOPHOMORE

Fall Semester	Units	Spring Semester	Units
GE D.2 World Civ (HIST 110B)	3	GE D.4 American Govt (POSC 100)	3
GE D.3 American History (HIST 180)	3	GE C.1 Arts (ART 101)	3
MATH 150B or MATH 338	4	GEOL 380 Field Methods	3
CHEM 120A	5	CHEM 120B OR CHEM 125	5/3
Total	15		14/12

JUNIOR

Fall Semester	Units	Spring Semester	Units
GEOL 335 Surf. Processes & Hydrology	3	GE C.2 Humanities (PHIL 120)	3
PHYS 211/211L OR PHYS 225/225L	4	PHYS 212/212L OR PHYS 226/226L	4
GEOL 303A Earth Materials	4	GEOL 303B Ig/Met Petrology	4
BIOL 101	3	GEOL Quantitative Elective* or other GEOL elective	3
		GEOL 498	1
Total	14		15

SENIOR

Fall Semester	Units	Spring Semester	Units
GE C.3 Arts/Hum Exploration (ANTH 305)	3	GE D.5 Soc. Sci. Exploration (ANTH 310)	3
GE D.1 Social Sciences (GEOG 101)	4	GE E Lifelong learning (BIOL 360)	3
GEOL 360 Structural Geology	4	GEOL 321 Sedimentology/Stratigraphy	4
GEOL elective	3	GEOG 481 Geographic Info Systems	3
GEOL 498	1	GEOL Quantitative Elective or other GEOL elective	3
		GEOL 498	1
Total	15		17
		Summer Semester	Units
		GEOL 481A	4

***GEOL Quantitative Electives** are GEOL 406, GEOL 456 and GEOL 476. You must take 1 of these courses.

KEY PREREQUISITE AND CO-REQUISITE LINKAGES

To enroll in CHEM 120A you must:	A) pass the Chemistry Placement Exam	
	OR	
	B) Take and pass CHEM 115 with a C or better	
	OR	
	C) Pass Entry Level Math (ELM)	
CHEM 120A	is a Pre-requisite or Co-requisite for	GEOL 303A
CHEM 120A	is a Pre-requisite for	CHEM 125 or 120B
CHEM 120B/125	is a Pre-requisite or Co-requisite for	GEOL 303B AND GEOL 406

GEOL 101L.....	is Pre-requisite for	GEOL 201
MATH 115/125/130/ 150A and ENGL 101/GE A.2.....	are Pre-requisites for	GEOL 303A
GEOL 201 and CHEM 120A.....	are Pre- or Co-requisites for	GEOL 303A
GEOL 303A.....	Is a Pre-requisites for	GEOL 303B
CHEM 120B/125 and GEOL 380.....	are Pre- or Co-requisites for	GEOL 303B
GEOL 201, GEOL 303B.....	are Pre-requisites for	GEOL 321
GEOL 201 and BIOL 101/171.....	are Pre-requisites for	GEOL 322
GEOL 101L or junior/senior standing.....	are Pre-requisites for	GEOL 333
GEOL 101L.....	is a Pre-requisite for	GEOL 335
GEOL 303A, GEOL 380 and PHYS 211 or 225.....	are Pre-requisites for	GEOL 360
GEOL 201, ENGL 101/GE A.2 and MATH 115/125.....	are Pre- or Co-requisites for	GEOL 380
GEOL 303A, CHEM 120B/125 and MATH 130/150A.....	are Pre-requisites or Co-requisites for	GEOL 406*
GE B.4 and B.1 or graduate standing.....	are Pre-requisites for	GEOL 410
GEOL 101, 101L; Jr or Sr standing or science credential.....	are Pre-requisites for	GEOL 420
GEOL 101L, 335 or MATH 130/150A.....	are Pre-requisites for	GEOL 436
MATH 150A/130 OR PHYS 211/225 OR 226/212.....	are RECOMMENDED for	GEOL 456*
GEOL 335, MATH 120/125, CHEM 100/100L, ENGL 301/363	are Pre-requisites for	GEOL 470
GEOL 360 and 380.....	are Pre-requisites for	GEOL 475
GEOL 335 and 360.....	are Pre-requisites for	GEOL 476*

*Quantitative Elective

There are two math tracks for geology:

- **MATH 130 + MATH 338 OR MATH 150A + MATH 150B**

Once you select a math track, you cannot mix and match. For example, if you take MATH 150A, you cannot take MATH 338 as the second math class. You MUST take Math 150B as your second math class.

All MATH classes that are part of the B.S. major REQUIRE:

- a passing score on the Entry Level Mathematics exam **AND**
- three years of high school mathematics, including 2 years of algebra and 1 year of geometry

For MATH 130 you also need:

- a passing score on the MQE or exemption **OR**
- "C or better in MATH 115 or MATH 125

For MATH 150A you also need:

- a passing score on the MQE or exemption **OR**
- "C or better in MATH 125

If you take both MATH 115 and MATH 125:

- and receive a C or better in both, then only the last class taken earns credit.
- and receive a C or better in only 1, then that course earns credit.

MATH 115/125 or equivalent.....	is a pre-requisite for	GEOL 303A and 380
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