

Geoscience (BS) (Geology)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
3	GEOSCI.120 Physical Geology	3	GEOSCI.130 Historical Geology
1	GEOSCI.121 Physical Geology Lab	1	GEOSCI.131 Historical Geology Lab
3	MATH.123 Essentials Calculus or MATH.125 Calculus I	3	MATH.141 Introduction to Statistics or MATH.126 Calculus II
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Sciences II
3	ENGLISH.101 Composition I or General Education Group A (Humanities)	3	General Education Group A (Humanities) or ENGLISH.101 Composition I
1	INTSTUDY.100 Optional University Seminar	1	General Education Fitness/Recreation Skills
15	Total Semester Credits	15	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
4	GEOSCI.261 Mineralogy	4	GEOSCI.262 Petrology
4	GEOSCI.265 Geomorphology	4	GEOSCI.360 Introduction to Paleontology
3	2nd Composition Course or General Education Group A (Humanities)	3	General Education Group A (Humanities) or 2nd Composition Course
3	General Education Group B (Social Sciences)	3	General Education Group B (Social Sciences)
1	General Education Fitness/Recreation Skills		
15	Total Semester Credits	14	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
4	GEOSCI.368 Stratigraphy & Sedimentation	4	GEOSCI.369 Structural Geology
4	PHYSICS.111 Introduction to Physics I or PHYSICS.211 General Physics I	4	PHYSICS.112 Introduction to Physics II or PHYSICS.212 General Physics II
3	General Education Communications	3	General Ed. Values, Ethics, Decision-Making
3	General Education Group B (Social Sciences)	3	General Education Group B (Social Sciences)
14	Total Semester Credits	14	Total Semester Credits
Cr.	Summer Semester		
4-6	GEOSCI.451 Field Techniques in Earth Science or other approved Field Geology Course		

Cr.	Seventh Semester	Cr.	Eighth Semester
4	GEOSCI.480 Applied Geophysics or GEOSCI.460 Aqueous Geochemistry	3	GEOSCI.470 Groundwater Hydrology
3	GEOSCI.493 Senior Research in Geosciences	3	Free Elective
3	General Education Group A (Humanities)	3	Free Elective
4	Free Elective	3	Free Elective
14	Total Semester Credits	15	Total Semester Credits
TOTAL CREDITS: 120			

IMPORTANT NOTES:

The sequence of General Education courses is an example only; they may be taken in any order.

Major Electives shown as an example only; consult advisor for current schedule of department electives.

The department suggests EXERSCI.291 Hiking, Backpacking & Orienteering as Fitness/Recreation Course.

Two Courses selected for the Major, General Education OR Free Elective must also qualify as Diversity courses. See list of Diversity Courses and consult advisor.