

## B.S. Degree in Geology at USI -- Four-Year Plan

The USI Geology degree is designed to prepare students to become professional geologists, or to successfully pursue an advanced degree in geology. To graduate from USI, all students must complete the University Core Curriculum (Core 39), attain a minimum of 120 credit hours, and complete at least 39 credit hours of 300- to 400-level coursework. The geology degree requires 35 credit hours of core geology coursework (students must earn a C or better in these courses), 9 credit hours of 300- to 400-level geology electives, and 26 hours of supporting coursework in mathematics and science. To allow maximum flexibility and specialization (e.g., environmental geology, geochemistry, economic minerals, petroleum geology, etc.) advanced elective coursework at the 300- and 400-level is not specified. The following is an example of a four-year plan for a new freshman geology major prepared for College Algebra (MATH 111) and College Composition (ENG 101).

Fall I	Spring I	Summer I
CHEM 261 Gen Chem I 4 ENG 101 Rhet & Comp I 3 GEOL 161 Intro to Geology 3 MATH 111 College Algebra 4 UNIV 101 First Year Experience 1  Total: 15 credits	CHEM 262 Gen Chem II (WOK-SMI) 4 ENG 201 Rhet & Comp II 3 GEOL 162 Hist Geology 4 MATH 118 Pre-Calculus 5  Total: 16 credits	
Fall II	Spring II	Summer II
CMST 101 Public Speaking 3 GEOL 261 Intermediate Geology 3 *GEOL 301 Mineralogy 4 KIN 192 Health & Wellness 1 MATH 230 Calculus I 4  Total: 15 credits	ANTH 121 Int Arch (WOK-HI) 3 ENG 210 Tech Writing (WE1) 3 GEOL 302 Petrology 4 GEOL 390 Field Excursion 1 PSY 201 Psychology (SS) 3  Total: 14 credits	GEOL 390 Field Excursion 2  Total: 2 credits
Fall III	Spring III	Summer III
ART 201 Intro Arts (WOK-CAE) 3 GEOL 315 Paleontology 4 PHIL 201 Ethics (WOK-MER&DE) 3 PHYS 175 General Physics I 4  Total: 14 credits	GEOG 330 World Geog (WLC&GE) 3 GEOL 316 Sed/Strat 4 GEOL 345 Structural Geology 4 **PHYS 176 General Physics II 4  Total: 15 credits	Students may select to complete an intensive geology field camp at an accredited University. These credits will transfer to USI, and count toward their geology degree.
Fall IV	Spring IV	Summer IV
GEOL EL 300- or 400-level 3 GEOL 499 Research 1 Elective 3 Elective 3 Elective 4  Total: 14 credits Apply for Graduation	GEOL EL 300- or 400-level 3 GEOL 481 Adv Env Geol (WE2) 4 GEOL 499 Research 1 Elective 3 Elective 4  Total: 15 credits Major Field Test	

\*students must earn a C or better in CHEM 261 to enroll in GEOL 301.

\*\*students must earn a C or better in PHYS 175 to progress to PHYS 176.

CAE – Creative and Aesthetic Expression

DE – Diversity Embedded Experience

GE – Global Embedded Experience

GEOL EL – Geology Elective

WE1 – Writing Embedded Experience 1 (200- or 300-level)

WE2 – Writing Embedded Experience 2 (300- or 400-level)

WLC – World Language & Culture

WOK – Ways of Knowing

SI – Social Inquiry

HI – Historical Inquiry

SS – Social Science

MER – Moral & Ethical Reasoning