GEOL 107  Physical Geology 1 4
GEOL 208  History of the Earth System 4
CHEM 102  General Chemistry I 3
CHEM 103  General Chemistry Lab I 1
Select one of the following MATH courses: 2 4-5
   MATH 220  Calculus
   or MATH 221  Calculus I
   MATH 234  Calculus for Business I
Additional requirements beyond the core requirements:
CHEM 104  General Chemistry II 3
CHEM 105  General Chemistry Lab II 1
PHYS 101  College Physics: Mech & Heat 4-5
or PHYS 211  University Physics: Mechanics
GEOL 411  Structural Geol and Tectonics 4
GEOL 417  Geol Field Methods, Western US 3 6
GEOL 432  Mineralogy and Mineral Optics 4
GEOL 436  Petrology and Petrography 4
GEOL 440  Sedimentology and Stratigraphy 4
Three to four hours of advanced Geology or cognate science elective 3-4

1 Students who decide to follow the curriculum after first taking GEOL 100 or GEOL 103 should enroll in GEOL 208. GEOL 100 or GEOL 103 will be accepted as a substitute for GEOL 107, but students should be aware that these courses are not intended for science majors.
2 An introductory Statistics course, e.g., STAT 100, SOC 280, ECON 202, or a second semester of Calculus is recommended.
3 GEOL 417 is a summer field course taught off campus.