

DEGREE PLANNING GUIDE

Geology BS

Important Note: This is a sample degree plan, faculty advisor will create plan specific to admittance year (even or odd) and program start year (first or second year). Degree planning also dependent on Math Placement. Math should be started Fall of First year based on math placement.

First year (<28 credits)	Sophomore (28-59 credits)	Junior (60-91 credits)	Senior (92+ credits)
Fall GEOL 111, GEOL 114, or GEOL 115, or GEOL 162 MATH 109 or MATH 113	Fall Program Elective Course Allied Course J-Term GEOL 260	Fall Program Elective Course Allied Course	Fall GEOL 340 (offered Fall Even Year) Allied Course
Spring GEOL 211 (offered spring only) MATH 114	Spring Program Elective Course Allied Course	Spring GEOL 320 (offered Spring Even Year) Allied Course	Spring GEOL 360 (offered Spring Odd Year) Program Elective Course

Program Core Courses (24 credits)

GEOL 111 Intro to Physical Geology or **GEOL 114** the Science of Natural Disasters or **GEOL 115** Environmental Geology or **GEOL 162** The Earth's Record of Climate
GEOL 211 Earth Materials or **GEOL 310** Environmental Geochemistry
GEOL 260 Geology in the Field
GEOL 320 Sedimentology and Stratigraphy
GEOL 340 Lithosphere I (Petrology)
GEOL 360 Lithosphere II (Structural Geology)

Program Electives (16 credits; 4 cr must be 400-level, 4 cr @ 300 or 400 level):

GEOL 130 Earth History
GEOL 161 Medical Geology
GEOL 162 Earth's Record of Climate*
GEOL 211 Earth Materials *^
GEOL 220 Oceanography
GEOL 252 Geomorphology ^
GEOL 310 Environmental Geochemistry*^
GEOL 410 Hydrogeology
GEOL 460 Advanced Field Methods
GEOL 461 Medical Geology (cannot take 161)
GEOL 462 Earth's Record of Climate (cannot take 162)
GEOL 491 Research

*If not chosen for Program Core Course
 ^Strongly Recommended for Professional Geologist (PG) state certification.

Allied Courses (28 credits)

MATH 113 Calculus I or **MATH 109** Calculus with Review II
MATH 114 Calculus II
CHEM 111 General Chemistry I ^
CHEM 112 General Chemistry II
PHYS 211 Classical Physics I
PHYS 212 Classical Physics II
MATH 303 Statistics for Applied Sciences or
STAT 220 Statistics I ^