

NEW B.S. GEOLOGY PROGRAM STARTING FALL 2015

BS Option I: Geology

Tier 1: 4 units

ANY 100-level GEOL course and ANY 100-level GEOL lab (3/1)

Tier Math & Science: 18 to 20 units

CHEM 101/L	General Chemistry I & Lab	4+1
MATH 150A	Calculus I	5
MATH 150B	Calculus II	5
or MATH 140	Introductory Statistics	4
PHYS 220A/L	Mechanics and Lab	3+1
or PHYS 225/220AL	Physics I and Mechanics Lab	4+1

Tier 2: 16 units

GEOL 303	Communicating Geoscience	2
GEOL 306/L	Earth Materials and Lab	3+1
GEOL 309/L	Earth Tectonics & Structure	3+1
GEOL 313	Introduction to Field Methods	2
GEOL 314/L	Earth Systems and Lab	3+1

Tier 3: 24 to 28 units

GEOL 307/L	Petrology and Lab	3+1
GEOL 310/L	Advanced Structural Geology and Lab	3+1
GEOL 341/L	Sedimentology and Stratigraphy and Lab	3+1
Four additional UD GEOL courses, exclusive of GEOL 300 & 301,		12-16

including required labs if applicable.

Students in the Honors Program must take GEOL 497 (1) and 498 (3) and three additional UD GEOL courses exclusive of GEOL 300 & 301, including required labs if applicable (9-12 units).

Tier 4: 7 units

GEOL 430A, B	Summer Field Geology	2+2
GEOL 490	Senior Capstone	3

Total Units in the Major, Option I Geology	69-74
General Education. Basic Skills Mathematics and the entire section of Natural Sciences are met by required courses in the major	36
Additional Units	10-15
Total Units Required for the B.S. Degree, Option I: 120	120