

NEW B.S. GEOPHYSICS PROGRAM STARTING FALL 2015

BS Option II: Geophysics

Tier 1: 4 units

ANY 100-level GEOL course and ANY 100-level GEOL lab 3+1

Tier Math & Science: 40 units

CHEM 101/L	General Chemistry I and Lab	4+1
COMP 110/L	Introduction to Algorithms & Programming & Lab	3+1
MATH 150A	Calculus I	5
MATH 150B	Calculus II	5
MATH 250	Calculus III	3
MATH 280	Applied Differential Equations	3
PHYS 226/220AL	Physics I and Mechanics Lab	4+1
PHYS 227/220BL	Physics II and Electricity and Magnetism Lab	4+1
PHYS 227/L	Physics III and 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: 10 to 12 units

GEOL 464/L	Applied Geophysics	3+1
Two additional UD GEOL courses related to Geophysics or		6-8
UD courses in MATH or PHYS with approval of academic advisor.		
GEOL 300 and GEOL 301 cannot be used for major credit.		

Students in the Honors Program must take GEOL 497 (1) and 498 (3) and one additional UD GEOL course, including required lab if applicable, exclusive of GEOL 300 & 301.

Tier 4: 3 units

GEOL 490	Senior Capstone	3
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Total Units in the Major, Option II Geophysics	73-75
General Education. Basic Skills Mathematics and the entire section of Natural Sciences are met by required courses in the major	36
Additional Units	9-11
Total Units Required for the B.S. Degree, Option II: 120	120