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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<th>Total Units in the Major, Option II Geophysics</th>
<th>73-75</th>
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<td><strong>General Education.</strong> Basic Skills Mathematics and the entire section of Natural Sciences are met by required courses in the major</td>
<td>36</td>
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<td><strong>Additional Units</strong></td>
<td>9-11</td>
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<td><strong>Total Units Required for the B.S. Degree, Option II: 120</strong></td>
<td>120</td>
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