

DEPARTMENT OF GEOLOGICAL SCIENCES: COMPARISON OF REQUIREMENTS FOR MAJORS

| COURSE | B.S. Degree Geological Sciences | B.A. Degree Geological Sciences | B.A. Degree Environmental Geology |
|---|---------------------------------------|---------------------------------------|---|
| ESTD 101, Intro to Environmental Thinking | - | - | X |
| GEOL 110, Physical Geology ¹ | X | X | X |
| GEOL 119, Geology Laboratory | X | X | X |
| GEOL 210, Historical Geology | X | X | X |
| GEOL 220, Environmental Geology | - | - | X |
| GEOL 301, Stratigraphy and Sedimentation | X | X | - |
| GEOL 303, Environment and Law ² | - | - | X |
| GEOL 305, Geomorphology | - | - | X |
| GEOL 315, Structural Geology and Geodynamics | X | X | - |
| GEOL 317, Spring Field Course | X | X | X |
| GEOL 322, Hydrogeology with Lab | - | - | X |
| GEOL 341, Mineralogy | X | X | - |
| GEOL 344, Igneous/Metamorphic Petrology | X | X | - |
| GEOL 360, Summer Field Camp | X | X | - |
| GEOL 390, Introduction to Geological Research | X | X | X |
| GEOL 391, Senior Project | X | X | X |
| GEOL 392, Professional Presentation | X | X | X |
| BIOL 114 | - | - | X |
| CHEM 105 + 106 + 113 | X | X | X |
| ENGR 131 | X | - | - |
| MATH 125 + 126 | - | X | X |
| MATH 121 + 122 | X | - | - |
| PHYS 115 + 116 | - | X | 115 only |
| PHYS 121 + 122 + 221 | X | - | - |
| STAT 201 | - | - | X |
| Two semesters upper-level MATH or STAT | X | - | - |
| Two additional semesters math/science/engr. | X | - | - |
| Approved electives | 21 hrs | 9 hrs | 9 hrs |
| Open electives | 6 hrs | 24 hrs | 27 hrs |

¹ B.S. and B.A. majors in Geological Sciences may substitute GEOL 101 (Earth and the Planets) or GEOL 115 (Oceanography) for GEOL 110.

² GEOL 202 (Global Environmental Problems) may be substituted for GEOL 303.