# Major Requirements

| Required courses | □ GEOL 111-111L Understanding the Earth with Lab (4)  
|                  | □ GEOL 112-112L History of the Earth and Its Life with Lab (4)  
|                  | □ GEOL 212 Earth Materials I: Minerals (4)  
|                  | □ GEOL 320 Earth Material II: Igneous/Metamorphic Rocks (4)  
|                  | □ GEOL 495A-495B Seminar (2 semesters) (2)  
|                  | □ ASTR 180 Principles of Astronomy I (3) or MARE 201 Oceanography (3)  
|                  | □ CHEM 114-114L Introductory Chemistry (4) (See Note 3 below)  
|                  | □ MATH 115 Applied Calculus (3) (See Note 5 below)  
|                  | □ PHYS 106-170L College Physics I with Lab (4) (See Note 4 below)  
| **Two courses from the following list:** (6-8) | □ GEOL 330 Deformation of the Earth (4)  
|                  | □ GEOL 340 Sedimentary Processes (4)  
|                  | □ GEOL 342 Earth Surface Processes (3)  
|                  | □ GEOL 370 Field Methods (3)  
| **Six additional 300-400 level GEOL courses** | □ (Up to two of the six courses may be substituted from GEOG 300, 319, 470, MARE 360, 425, 461, and SOIL 304.) (18) |

## Notes

1. All courses in **Group 2, Major Requirements**, must be completed with a grade of “C” or better.  
2. At least 36 semester hours must be earned in courses numbered 300–400.  
3. CHEM 124–124L may substitute for CHEM 114–114L.  
4. PHYS 170 may substitute for PHYS 106.  
5. MATH 205 may substitute for MATH 115.  
6. To earn a Bachelor of Arts degree in Geology, students must fulfill the requirements for the major **and** meet all of the University's other baccalaureate degree requirements. (Please see the **Baccalaureate Degree Requirements** in this Catalog.)  
7. Students should always check course prerequisites and the frequency with which courses are offered. This information is found in **Course Listings** in this Catalog.  
8. To ensure progress toward degree completion, **students are strongly encouraged to meet with an advisor each semester before registering.**