## University Core and Graduation Requirements

### University Core Requirements:

#### Religion Cornerstones
- Teachings and Doctrine of The Book of Mormon
  - Classes: REL A 275
  - Hours: 2.0
- Jesus Christ and the Everlasting Gospel
  - Classes: REL A 250
  - Hours: 2.0
- Foundations of the Restoration
  - Classes: REL C 225
  - Hours: 2.0
- The Eternal Family
  - Classes: REL C 200
  - Hours: 2.0

#### The Individual and Society
- American Heritage
  - Classes: from approved list
  - Hours: 3-6.0
- Global and Cultural Awareness
  - Classes: from approved list
  - Hours: 3.0

#### Skills
- First Year Writing
  - Classes: from approved list
  - Hours: 3.0
- Advanced Written and Oral Communications
  - Classes: ENGL 316*
  - Hours: 3.0
- Quantitative Reasoning
  - Classes: MATH 112* or 113*, or STAT 121*
  - Hours: 3-4.0
- Languages of Learning (Math or Language)
  - Classes: MATH 112* or 113*, or STAT 121*
  - Hours: 3-4.0

#### Arts, Letters, and Sciences
- Civilization 1
  - Classes: from approved list
  - Hours: 3.0
- Civilization 2
  - Classes: from approved list
  - Hours: 3.0
- Arts
  - Classes: from approved list
  - Hours: 3.0
- Letters
  - Classes: from approved list
  - Hours: 3.0
- Biological Science
  - Classes: from approved list
  - Hours: 3.0
- Physical Science
  - Classes: GEOL 210*
  - Hours: 3.0
- Social Science
  - Classes: from approved list
  - Hours: 3.0

#### Core Enrichment: Electives
- Religion Electives
  - Classes: from approved list
  - Hours: 3-4
- Open Electives
  - Classes: Variable

*These classes can fill both University Core and Program Requirements (9–14 hours overlap)

### Graduation Requirements:
- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

## Suggested Sequence of Courses

### FRESHMAN YEAR

**1st Semester**
- First-year Writing: 3.0
- GEOL 111 (FW): 4.0
- CHEM 105 or CHEM 111: 4.0
- Religion Cornerstone Course: 2.0
- Total Hours: 13.0

**2nd Semester**
- American Heritage: 3.0
- GEOL 112: 4.0
- Religion Cornerstone Course: 2.0
- General Elective: 2.0
- Total Hours: 14-15.0

### SOPHOMORE YEAR

**3rd Semester**
- GEOL 210 (F) (Begins meeting before start of Fall semester): 3.0
- GEOL 230 (F): 3.0
- GEOL 351 (F): 4.0
- MATH 112: 4.0
- Religion Cornerstone Course: 2.0
- Total Hours: 16.0

**4th Semester**
- Biological Science: 3.0
- GEOL 352 (W): 3.0
- GEOL 370 (W): 3.0
- MATH 113: 4.0
- PHSCS 105: 3.0
- Religion Cornerstone Course: 2.0
- Total Hours: 16.0

### JUNIOR YEAR

**5th Semester**
- GEOL 210 (F)
- GEOL 375 (F)
- CHEM 105 or CHEM 111: 4.0
- Religion Cornerstone course: 2.0
- Total Hours: 13.0

**6th Semester**
- GEOL 400-level elective: 3.0
- GEOL 491R (F): 0.5
- Total Hours: 13.0

### SENIOR YEAR

**7th Semester**
- GEOL 400-level elective: 3.0
- GEOL 410: 3.0
- GEOL 422: 3.0
- Global & Cultural Awareness: 3.0
- Letters: 3.0
- Religion Elective: 2.0
- Total Hours: 14.5

**8th Semester**
- GEOL 400-level elective: 3.0
- GEOL 491R (FW): 0.5
- Social Science: 3.0
- Arts: 3.0
- Religion Elective: 2.0
- Biological Science: 3.0
- Total Hours: 14.5

### Note:
The sequence of courses suggested may not fit the circumstances of every student. Students should contact their college advisement center for help in outlining an efficient schedule.

Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
**THE DISCIPLINE:**
Geological sciences consist of a number of disciplines aimed at understanding the Earth’s origin and development and the natural processes that have operated upon it and within it from the time of formation of the solar system. With the development of remote sensing technology and the exploration of the solar system by spacecraft, geological sciences have become increasingly important for understanding not only the Earth but the Moon, other planets and their moons, and small bodies that orbit the sun.

Understanding the dynamic processes of Earth and other planets is relevant to many societal needs, such as assessment and forecasting of natural hazards, environmental change, and discovery of energy and mineral resources. Some of the diverse disciplines that can be studied in this department include general geology, plate tectonics, volcanology, geochemistry, geophysics, paleontology, environmental geology, petroleum geology, hydrogeology, paleoclimatology, and planetary geology.

**CAREER OPPORTUNITIES:**
Graduates have the opportunity to work both outdoors and in the laboratory, pursuing careers in energy, mineral, and water resources or in environmental evaluation with industry, government, or consulting firms. The substantial preparation in basic sciences and mathematics also leads to a broad spectrum of teaching opportunities. Some scholarship money is available for those who pursue a geological sciences degree as a pre-law track. The most marketable terminal degree in geological sciences is the MS. Starting salaries for this degree are often very competitive with any other discipline.

**MAP DISCLAIMER**
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

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