## Degree: Geology, B.S. 22-23

### Requirement Area | Course | Course Title | Prerequisites | Units
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### First Semester (FALL)
- E  GS 101A | Foundations of Success I |  | 2
- A1  |  |  | 1
- B1/B3/LD Major | PHYS 125 | General Physics I | Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 | 4
- LD Major | GEOL 210 | Physical and Environmental Geology |  | 4
- B4/LD Major | MATH 130 | Calculus I | One from the following: Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 or MATH 125 (either course with grade C- or better). | 4

Total: 16

### Second Semester (SPRING)
- E  GS 101B | Foundations of Success II |  | 1
- A2  ENGL 102 |  |  | 3
- C1  |  |  | 3
- LD Major | GEOL 211 | Historical Geology |  | 4
- LD Major | PHYS 126* | General Physics II | PHYS 125 | 4

Total: 15

### Third Semester (FALL)
- A3  PHIL 100 | Workshop in Critical Thinking |  | 1
- B4 |  |  | 3
- C2  |  |  | 3
- LD Major | CHEM 111 | General Chemistry I |  | 3
- LD Major | CHEM 111L | General Chemistry Lab I |  | 2

Total: 15

### Fourth Semester (SPRING)
- Add/or C1 or C2 |  |  | 3
- Writing II |  |  | 3
- Code D/LD Major |  |  | 3
- LD Major | CHEM 112 | General Chemistry II | CHEM 111 with grade C- or better. | 5
- LD Major | GEOL 297 | Introductory Field Experience |  | 1

Total: 15

### Fifth Semester (FALL)
- D2  |  |  | 3
- LD Major | GEOL 360 | Mineralogy and Optical Crystallography | CHEM 112 and GEOL 210 | 4
- LD Major | GEOL 260 | Introduction to GIS |  | 3
- F  |  |  | 3

Total: 13

### Sixth Semester (SPRING)
- D4/Overlay | GEOL 361 | Genes & Metamorphic Petrology | GEOL 360 | 4
- LD Major | STAT/MATH/GEOL/C5/PHYS | UD Quantitative skills elective |  | 4
- LD Major | GEOL 371 | Sedimentary Geology and Stratigraphy | GEOL 361 | 4
- Elective |  |  | 1

Total: 15

### Seventh Semester (FALL)
- C4/Overlay | GEOL 381 | Structural Geology | GEOL 360 | 5
- B6/Overlay |  |  | 3
- LD Major | GEOL 397A, B, C | Upper division field course 1 |  | 2
- LD Major | GEOL* | Disciplinary breadth/depth elective |  | 3

Total: 16

### Eighth Semester (SPRING)
- Code 2 |  |  | 3
- LD Major | GEOL Disciplinary breadth/depth elective |  | 3
- LD Major | GEOL Disciplinary breadth/depth elective |  | 4
- LD Major | GEOL 397A,B,C,DE, | Upper division field course 2 | GEOL 297, junior or senior standing. | 2
- LD Major | GEOL 499 | Seminar in Geology | Junior or senior standing. | 3

Total: 15

Total Units: 120

Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student’s major department, regardless of course prefix, may not be taken “CR/NC,” unless that is the only grading pattern in the course.