

FIRST YEAR GEOLOGY MAJORS

Students should expect to take an English Composition course, a math course, Physical Geology, a general education course, and an orientation to the College of STEM. Students must place into or complete certain math courses before they are eligible to take General Chemistry.

Students who have earned college credit for any of the courses below will work with an advisor to identify appropriate courses for the first semester.

Students with a math placement level below 35 will be considered STEM Physical Science (PS) majors, the equivalent of “Pre-Geology” major, until they are ready for College Algebra.

Your academic advisor will make every effort to accommodate your schedule preferences; however, course availability will be limited in many cases, and may mean that have to take a course at a time that might not be what you would prefer. It is important to remember that your advisor has your long term goals in mind as you work toward pursuing your degree and career.

Math Placement = Level 10

STEM Physical Science (PS)

| First Semester Courses | Required Degree Area | Credits |
|---|-------------------------------|--------------|
| English composition (based on placement) | General Education | 3-4 |
| Math 1505: Intermediate Algebra with Applications | Preparation for required math | 5 |
| GEOL 1505: Physical Geology with Lab | Major and General Education | 4 |
| ***General Education course | General Education | 3 |
| | | 15-16 |

Math Placement = Level 20

STEM Physical Science (PS)

| First Semester Courses | Required Degree Area | Credits |
|---|--|--------------|
| English composition (based on placement) | General Education | 3-4 |
| MATH 1507: Intermediate Algebra or MATH 1510/1510C: College Algebra with Co-requisite | Preparation for required math or preparation for required math and General Education | 3 or 6 |
| STEM 1520: STEM First Year Orientation | Major and General Education | 2 |
| GEOL 1505: Physical Geology with Lab | Major and General Education | 4 |
| ***General Education course | General Education | 3 |
| | | 15-19 |

Math Placement = Level 35

| First Semester Courses | Required Degree Area | Credits |
|---|---|--------------|
| English composition (based on placement) | General Education | 3-4 |
| MATH 1510: College Algebra and/or MATH 1511: Trigonometry | Preparation for required math and General Education | 3-4 |
| STEM 1520: STEM First Year Orientation | Major and General Education | 2 |
| GEOL 1505: Physical Geology with Lab | Major and General Education | 4 |
| ***General Education course | General Education | 3 |
| | | 15-17 |

Math placement = Level 45

| First Semester Courses | Required Degree Area | Credits |
|---|---|--------------|
| English composition (based on placement) | General Education | 3-4 |
| MATH 1513: Algebra and Transcendental Functions (Pre-Calculus) | Preparation for required math and General Education | 5 |
| General Education course or CHEM 1515/1515L: General Chemistry with Lab | General Education or Major and General Education | 3-4 |
| STEM 1520: STEM First Year Orientation | Major and General Education | 2 |
| GEOL 1505: Physical Geology with Lab | Major and General Education | 4 |
| | | 17-19 |

Math Placement = Level 70

| First Semester Courses | Required Degree Area | Credits |
|---|-----------------------------|--------------|
| English composition (based on placement) | General Education | 3-4 |
| Math 1570: Applied Calculus or 1571: Calculus I | Major and General Education | 4 |
| GEOL 1505: Physical Geology with Lab | Major and General Education | 4 |
| STEM 1520: STEM First Year Orientation | Major and General Education | 2 |
| ***General Education course | General Education | 3 |
| | | 16-17 |

* RSS 1510 if required by placement