PATHWAY: Geology, Earth Science, Earth, and Environmental Science (GeoSciences)
Visit your College Advisor, ccc.edu, or your college’s Transfer Center for more information.

As a geosciences student, you won’t just study rocks, you’ll explore the Earth’s history and gain valuable insight into some of today’s most pressing concerns, such as global climate change. You’ll study the Earth’s treasures, such as fossils and gems, as well as its dangers, such as volcanoes and earthquakes. You might find yourself becoming a geoscientist, a meteorologist, a mining engineer, an environmental scientist, or a geological engineer at an oil company.

This is an example course sequence for students interested in pursuing Geology, Earth Science, Earth and Environmental Science. This does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Associate in Science (AS) degree. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below. Following this pathway will help you get your associate degree, which will increase your chances of transfer to Bachelor’s-level programs of study. Choose Illinois Articulation Initiative (IAI) courses to fulfill general education requirements whenever possible. Visit www.itransfer.org and speak with your college advisor to learn more about IAI.

Choose your courses with your College Advisor.

### SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS
All plans can be modified to fit the needs of part-time students by adding more semesters.

#### D SEMESTER 1
**CATEGORY**
Communications and mathematics pre-credit requirements. Placements based on current placement instrument, ACT or department chair recommendation.

<table>
<thead>
<tr>
<th>ENGLISH PLACEMENT</th>
<th>READING PLACEMENT</th>
<th>MATHEMATICS PLACEMENT</th>
<th>GENERAL EDUCATION COURSES</th>
<th>ELECTIVE COURSES</th>
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<tr>
<td>ESL/FS Writing</td>
<td>ESL/FS Reading</td>
<td>FS Mathematics I</td>
<td>Humanities: Africana Studies 101</td>
<td>College Success</td>
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<tr>
<td>ESL/English 98</td>
<td>ESL/Reading 99</td>
<td>FS Mathematics II</td>
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<tr>
<td>ESL 99</td>
<td>ESL Reading 100</td>
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<tr>
<td>ESL/English 100</td>
<td>Reading 125</td>
<td>Mathematics 99</td>
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</tr>
</tbody>
</table>

**ACHIEVEMENTS & NEXT ACTIONS**
- **15 CREDIT HOURS**
- **DO THIS**—Meet with advisor to discuss academic goals and plan coursework
- **DO THIS**—Begin research on four-year schools

#### D SEMESTER 2
**CATEGORY**
- English 101—Composition I (3)
- Geology 201—Physical Geology (4)
- Mathematics 207—Calculus and Analytic Geometry I (5)
- Social & Behavioral Sciences course (HD) (3)

**ACHIEVEMENTS & NEXT ACTIONS**
- **15–16 CREDIT HOURS**
- **DO THIS**—Meet with advisor to discuss academic goals and plan coursework
- **DO THIS**—Mid-term check-in with advisor
- **DO THIS**—Visit your campus Transfer Center to discuss options and create a short list of four-year schools for potential transfer

#### D SEMESTER 3
**CATEGORY**
- English 102—Composition II (3)
- Biology 121—Biology I (5)
- Mathematics 208—Calculus and Analytic Geometry II (5)
- Social & Behavioral Sciences course (3)

**ACHIEVEMENTS & NEXT ACTIONS**
- **15 CREDIT HOURS**
- **DO THIS**—Meet with advisor to discuss academic goals and plan coursework
- **DO THIS**—Mid-term check-in with advisor
- **DO THIS**—Begin seeking additional four-year funding outlets such as scholarships and aid

#### D SEMESTER 4
**CATEGORY**
- Speech 101—Fundamentals of Speech Communication (3)
- Chemistry 201—General Chemistry I (5) OR high school chemistry equivalent
- Humanities course (3)
- Physical Sciences Elective (3–5)

**ACHIEVEMENTS & NEXT ACTIONS**
- **14–16 CREDIT HOURS**
- **DO THIS**—Meet with advisor to discuss academic goals and plan coursework
- **DO THIS**—Mid-term check-in with advisor
- **DO THIS**—Begin seeking additional four-year funding outlets such as scholarships and aid

**DEGREE MINIMUM: 60 CREDIT HOURS // PATHWAY TOTAL: 60–63 CREDIT HOURS**

### PATHWAY ELECTIVES
- Anthropology 201—Introduction to Biological and Cultural Evolutions of Humans (3)
- Astronomy 201—Descriptive Astronomy (3)
- Botany 201—General Botany I (4)
- Environmental Studies 101—Man and Environment I (3)
- Geography 101—World Geography (3)
- Geography 201—Physical Geography (3)
- Library and Information Science 101—Information Literacy (3)
- Mathematics 209—Calculus and Analytic Geometry III (5)

**Programs offered at:**

Www.ccc.edu | 773-college