# Geosciences Associate in Science Degree

## Earth Science Education Emphasis (67 Credit Hours Minimum)

### General Education Requirements (38 hours)

**English Composition (6 hours)**
- ENGL 1113 English Composition I
- ENGL 1213 English Composition II+

**U.S. History/U.S. Government (6 hours)**
- HIST 1483 U.S. History to 1877 or
- HIST 1493 U.S. History Since 1877
- POLS 1113 American Federal Government

**Sciences (14 hours)**
Students must earn a “C” or better in these courses to be eligible for graduation.
- *CHEM 1135 General College Chemistry I+
- GEOL 1114 Introduction to Physical Geology+
- BIOL 1315 General Zoology+

**Humanities (6 hours)**
See Limited Humanities Electives on next page.

**Mathematics (3 hours)**
Students must earn a “C” or better in MATH 2113 to be eligible for graduation.
- *MATH 2113 Calculus & Analytic Geometry I+

**Liberal Arts (3 hours)**
See courses listed in the RSC Academic Catalog.

### Program Requirements (43 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- PHYS 2401 General Physics Laboratory I+
- PHYS 2411 General Physics Laboratory II+
- PHYS 2434 Physics I for Engineering & Science Majors+
- PHYS 2444 Physics II for Engineering & Science Majors+
- MATH 2123 Calculus & Analytic Geometry II+

### Emphasis Requirements (16 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- GEOL 1121 History of Life on Earth Laboratory+
- GEOL 1123 History of Life on Earth+
- GEOL 1124 Historical Geology+
- METR 1121 Introduction to Meteorology Lab+
- METR 1123 Introduction to Meteorology
- PHSC 1001 Earth Science Laboratory+
- PHSC 1003 Earth Science+

*Check course description for prerequisites that must be met.
*Students may meet prerequisite requirements for MATH 2113 and CHEM 1135 through high school coursework, entrance exams, or exams, or by completing the prerequisite courses.
Limited Humanities Electives
ART 1103  Art Appreciation
ENGL 2113  Introduction to Literature
MUS 1203  Music in Life
TH 1353  Introduction to Theatre

Suggested Order of Enrollment
Students must enroll in a combination of General Education and Program Requirements to complete the degree. Consult with the Engineering & Science Division advisor each semester to verify that selected courses will fulfill degree requirements. Check the course catalog and/or class schedule for course offering specifics. The “+” symbol represents a prerequisite for the course. Any course offering is subject to change without notice.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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Program Code 0392-03