

## ASSOCIATE IN SCIENCE: EARTH SCIENCE PRE-MAJOR



### CONTACT US

For general questions, contact:

[advising@swic.edu](mailto:advising@swic.edu)

For Earth Science questions, contact department chair:

[Stan.Hatfield@swic.edu](mailto:Stan.Hatfield@swic.edu);

618-222-5364

### AREA OF INTEREST

Science, Technology, Engineering, & Mathematics

### TOTAL CREDITS REQUIRED

64

### CATALOG YEAR

2022-2023

### PROGRAM

Associate in Science

### TYPE

Transfer

### ACADEMIC PLAN

0002

### TUITION

\$8,128 plus books fees

### CAMPUS LOCATIONS

Belleville

Sam Wolf Granite City

Red Bud Online



### DESCRIPTION

Earth Science is the general name for all the sciences that seek to understand the Earth and its neighbors in space. Geology, which literally means the study of the Earth, examines the origin and development of the solid Earth, as well as the processes that operate beneath and upon its surface. Meteorology involves the study of our atmosphere, while oceanography deals with the dynamics of the oceans.



### EMPLOYMENT OPPORTUNITIES

A variety of careers are open to students who graduate with a bachelor's degree in geology, astronomy, meteorology or oceanography including:

Geologist	Astronomer
Oceanographer	Economic geologist
Mining engineer	Paleontologist
Meteorologist	Park naturalist
Teacher	Hydrologist

### [Career Information for Earth Science Majors](#)



### COURSE SEQUENCE BY TERM

The following is the suggested course sequence by term. Please keep in mind:

- The course sequence is laid out by suggested term and may be affected when students enter the program at different times of the year.
- Initial course placement is determined by current district placement measures and/or completion of 100-200 level course and/or program requirements.
- Students should meet with an academic advisor about any concerns that may affect course enrollment.
- **This guide includes course suggestions for students undecided on where they plan to transfer. If you know where you are transferring to for your bachelor's, follow that institution's transfer requirements.**

## ASSOCIATE IN SCIENCE: Earth Science

Student's Name:

Date:



Course #	Course Name	Requisites	Taken	Credits
<b>Term 1</b>				
<b>COMM 151</b>	Public Speaking			3
<b>ORIE 110</b>	College Success Strategies			3
<b>ENG 101</b>	Rhetoric & Comp I			3
<b>ES 102</b>	Physical Geology			4
<b>MATH 112**</b>	College Algebra**			4
<b>Term 2</b>				
<b>ENG 102</b>	Rhetoric & Composition II	Grade of C or higher in ENG 101		3
<b>MATH 114</b>	Trigonometry	Grade of C or higher in MATH 112		3
<b>BIOL 100/101</b>	General Biology OR Principles of Biology I			4
<b>GEOG 152</b>	World Geography			3
<b>SOC 153</b>	Intro to Sociology			3
<b>Term 3</b>				
<b>HUM*</b>	General Humanities*			3
<b>F/A*</b>	Fine-Arts*			3
<b>MATH 203</b>	Analytic & Geometry Calc I	Grade of C or higher in MATH 114		5
<b>CHEM 105</b>	General Chemistry I	CHEM 101 with C or higher OR 1 year of HS Chemistry		5
<b>Term 4</b>				
<b>MATH 191</b>	Intro to Statistics	Grade of C or higher in MATH 112		4
<b>CHEM 106</b>	General Chemistry II	Grade of C or higher in CHEM 105		5
<b>HES 151</b>	Personal Health & Wellness			2
<b>PHYS 204</b>	Physics – Mechanics	Grade of C or higher in MATH 203		4
<b>TOTAL:</b>				<b>64</b>

\*See Academic Advisor for course options.

\*\*If student places higher than Math 112 through multiple measures OR placement test, please see Academic Advisor for different plan.

### GET STARTED

Find the [Steps to Enrollment](#) on SWIC.edu

### CHOOSE A TRANSFER SCHOOL

[EIU Earth Science Transfer Guide](#)

4/5/2022