

GEOLOGY, EARTH, AND ENVIRONMENTAL SCIENCE, ASSOCIATE IN SCIENCE



College(s): DA, HW, KK, MX, OH, TR, WR

Program Code: 0211

Pathway

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 (<http://www.itransfer.org>) and speak with your college advisor to learn more about IAI.

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.

Semester 1		Hours
ENGLISH 101	Composition ¹	3
GEOLOGY 201	Physical Geology ¹	4
MATH 207	Calculus & Analytic Geometry I ¹	5

Social and Behavioral Sciences course (HD) ¹		3
Hours		15
Semester 2		
ENGLISH 102	Composition ¹	3
BIOLOGY 121	Biology I ¹	5
MATH 208	Calculus & Analytic Geometry II ¹	5
Social and Behavioral Sciences course ¹		3
Hours		16
Semester 3		
SPEECH 101	Fundamentals of Speech Communication ¹	3
CHEM 201	General Chemistry I (Or high school chemistry equivalent) ¹	5
Humanities course ¹		3
Physical Sciences Elective ²		3-5
Hours		14-16
Semester 4		
Fine Arts course ¹		3
PHYSICS 221	Mechanics, Waves, and Heat ²	5
CHEM 203	General Chemistry II ²	5
Elective ²		3
Hours		16
Total Hours		61-63

¹ General Education Requirement

² Pathway Elective (p. 1)

Pathway Elective

Code	Title	Hours
ANTHRO 201	Intro to Biological and Cultural Evolutions of Humans	3
ASTROMY 201	Descriptive Astronomy	3
BOTANY 201	General Botany I	4

ENVR ST 101	Man & Environment I	3
GEOG 101	World Geography	3
GEOG 201	Physical Geography	3
LIS 101	Information Literacy	3
MATH 209	Calculus & Analytic Geometry III	5
PHY SCI 101	General Course Physical Science	3
PHY SCI 107	Current Public Issues in Physical Science	3
PHY SCI 111	General Course I Physical Science	4

Choose your courses with your College Advisor.