

Harper College Transfer Planning Guide

Associate in Science – Geology Sample Plan

Transfer & Career Notes

A bachelor's degree is adequate for entry into technician types of positions with limited advancement. Job availability is very limited. Most major oil companies require a master's degree in geology to be hired for a professional position such as an exploration geologist. Most pure research positions require or highly recommend a doctorate.

Students who major in geology will take courses in mathematics, physics, chemistry, and computer science in addition to other general education requirements.

Some occupations for Geology majors: Cartographer, Civil Engineer, Geophysicist, Metallurgist, Mineralogist, Nuclear Engineer, Paleontologist, Surveyor, Laboratory Technician.

Suggested Courses

This sample transfer planning guide meets the requirements of the Fall 2017 AS degree. Transfer institution requirements may vary - students should check individual college/university requirements before completing the sample plan as outlined. Baccalaureate admission may be competitive; completion of these courses alone does not guarantee admission.

Requirements for schools vary. Students should check the individual school requirements before completing the curriculum as outlined.

Courses	Semester Hours
First Semester	
Communication - ENG 101 English Composition I	3
Mathematics – MTH 200 Calculus with Analytic Geometry I	5
Major Discipline and Transfer Elective – See Group 6 in AS Degree and transfer school information	3
Social and Behavioral Sciences - GEG 101 World/Regional Geography	3
Second Semester	
Communication - ENG 102 English Composition II	3
Physical and Life Sciences - BIO 104 Environmental Laboratory Biology	4
Major Discipline and Transfer Elective – See Group 6 in AS Degree and transfer school information	3
Additional Mathematics - MTH 201 Calculus with Analytic Geometry II	5
Third Semester	
Physical and Life Sciences - CHM 121 General Chemistry I	5
Humanities and Fine Arts* – See Group 4 in AS Degree and transfer school information	3
Social and Behavioral Science – See Group 5 in AS Degree and transfer school information	3
Major Discipline and Transfer Elective – GEO 101 Physical Geology	4
Fourth Semester	
Humanities and Fine Arts* – See Group 4 in AS Degree and transfer school information	3
Additional Science - CHM 122 General Chemistry II	5
Major Discipline and Transfer Elective – See Group 6 in AS Degree and transfer school information	5
Communication - SPE 101 Fundamentals of Speech Communication	3

* For Humanities and Fine Arts select at least one course from humanities and one from fine arts. Interdisciplinary courses may count in either category.

For students following the 2005-2006 catalog or later, one course from humanities and fine arts or social and behavioral sciences must meet the world cultures and diversity requirement.

Transfer Information

Many schools offer the geology major. A sampling of some in Illinois include:

- Augustana College
- Bradley University
- Eastern Illinois University
- Illinois State University
- Northern Illinois University
- Southern Illinois University
- University of Illinois at Chicago
- University of Illinois at Urbana Champaign
- Western Illinois University
- Wheaton College

More Information

For additional transfer resources and to make an appointment with an advisor or counselor, please contact one of our advising offices.

Academic Advising and Counseling	I-117	847-925-6393
Center for Multicultural Learning	A-347	847-925-6522
Career Development Center	A-347	847-925-6220

Occupational Outlook Handbook

<http://www.bls.gov/oco/>

The Princeton Review

<http://www.princetonreview.com/>

Careers in Geology

<http://jove.geol.niu.edu/deptnews/careers/careers.html>

Geological Society of America

<http://www.geosociety.org/>