



Harper College Transfer Guide Bachelor of Science in Earth Science

Available at:
NEIU Main Campus (Chicago, IL)

Earth Science Program Description

The Bachelor of Science degree in Earth Science prepares students for further graduate study or for careers in the hydrogeological, geotechnical, and environmental fields, as well as areas related to environmental geosciences. Programs have the flexibility to meet individual student needs for career preparation or for graduate studies. Areas of concentration of coursework have an emphasis in environmental geology, including mineralogy-petrology and mineral resources, hydrogeology, soil science and geotechnical areas, and lake systems. Techniques of problem-solving in geology and environmental geosciences are emphasized.

Contact Information

Northeastern Illinois University Transfer Center: Students who have questions about the program prior to admission may contact the Northeastern Transfer Center at (773) 442-4076 or email TransferSteps@neiu.edu.

Student Center for Science Engagement (SCSE): The SCSE supports students enrolled in majors in the biology, chemistry, computer science, earth science, math, physics, and psychology fields. For more information, please contact Laura West, Student Academic Services Specialist in STEM, at 773-442-5664 or L-West2@neiu.edu.

Admission Requirements

- Students must have earned a minimum cumulative grade point average of 2.0 or higher for all college or university course work attempted. Students must be in good academic standing at the last college or university attended.
- Required documents are: application for admission, \$30 nonrefundable application fee, and official transcripts from all colleges and universities.
- Additional Admission and application materials, including the option to apply online can be found at www.neiu.edu/Transfer.
- Application deadlines are as follows:

		<i>International Applicants</i>
Fall	July 1	June 1
Spring	November 1	October 1
Summer I	April 1	March 1
Summer II	May 1	April 1

Transfer Policies

- Students with an AA degree from an Illinois Community College and/or completion of the IAI will have fulfilled Northeastern Illinois University's general education requirements.
- A maximum of 64 semester hours may be transferred to Northeastern from a community college. In cases where both a community college and university were attended, a maximum of 90 semester hours are accepted, with a maximum of 64 semester hours allowed at the community college level.
- Additional information about transferring and transfer policies are available at www.neiu.edu/Transfer.

Northeastern Illinois University Degree Requirements

- 1.) **General Education:** 36 credit hours (see requirements below)
- 2.) **English 101 or equivalent (grade of “C” or higher):** At Harper, take ENG 101 – Composition.
- 3.) **Total Credits and Credit Levels:** A minimum of 120 semester hours must be earned by every undergraduate student to be eligible to graduate from Northeastern. **Students must complete a minimum of 40 semester hours at the 300 level to meet the Upper Division requirement.**
- 4.) **Major Program:** Undergraduate students must declare and complete a major. Students must earn a grade of “C” or higher in all courses counted toward the major. No “P” grades will count toward a major.
- 5.) **Residency:** Must complete a minimum of 30 credit hours at Northeastern.
- 6.) **GPA:** Students must have a minimum cumulative 2.0 GPA (overall “C” average). Some academic programs and departments have other specific grade requirements.
- 7.) **Improving Human Relations:** The Improving Human Relations requirement may be met through the General Education program. Courses are available in both the Humanities and Social / Behavioral Sciences categories. You may choose a course that meets the Improving Human Relations requirement **and** Humanities or Social / Behavioral Sciences.
- 8.) **WIP (Writing Intensive Program):** Students must successfully complete a writing intensive course within their discipline. **This course must be completed at Northeastern.** Students completing the Bachelors of Science in Earth Science fulfill this requirement by taking ESCI 306 – WIP: Rocks and Minerals.
- 9.) **University Core Curriculum (UCC):** Students must complete three Engaged Learning Experience (ELE) courses. ELE courses are either Boundary Crossing (ELE-X) or Discipline Specific (ELE-DS) and are chosen in consultation with the student’s advisor. At least one course must be at the 300 level and one course must be an ELE-X course as part of meeting the requirement.

General Education Requirements

Four options are available to students who plan to complete their General Education requirements at Harper College.

- **Associate of Arts:** Students who transfer with an approved Illinois Community College Board (ICCB) Model Associate of Arts degree will have met Northeastern Illinois University’s General Education Requirements. For information regarding completing an Associate of Arts at Harper, including assistance with course selection, please visit the Academic Advising and Counseling Center at Harper. More information is available at their website (<http://goforward.harpercollege.edu/services/advising/currentstudent/index.php>) or by calling (847) 925- 6393.
- **Associate of Science:** Students who transfer with an approved Illinois Community College Board (ICCB) Model Associate of Science degree granted August 2016 or earlier will have met Northeastern Illinois University’s General Education requirements. Students who transfer with an approved ICCB Model Associate’s degree granted December 2016 or later may need to take one additional Humanities course and one additional Social and Behavioral Sciences course to meet Northeastern’s General Education requirements. For information regarding completing an Associate of Science at Harper, including assistance with course selection, please visit the Academic Advising and Counseling Center at Harper. More information is available at their website (<http://goforward.harpercollege.edu/services/advising/currentstudent/index.php>) or by calling (847) 925- 6393.

- **Completion of the Illinois Articulation Initiative (IAI):** Students who transfer after completing the Illinois Articulation Initiative (IAI) will have met their General Education requirements. For information regarding the Illinois Articulation Initiative, including courses at Harper that fulfill General Education requirements, please visit the iTransfer web site at www.itransfer.org.
- **Transfer Course Lists for Harper College:** Students may choose to meet their General Education requirements by selecting courses from Northeastern's Transfer Course Equivalency Guides, available at: www.neiu.edu/Transfer. **When choosing this option, please use the following Northeastern Illinois University General Education guide:**

Northeastern Illinois University General Education Program		
The General Education Program requires a minimum of 36 credit hours of courses distributed among 5 areas.		
Northeastern Illinois University Requirement	Credits	Harper College Equivalent (if any)
Math / Quantitative Reasoning 1 course	3	<ul style="list-style-type: none"> • Students who major in Earth Science at Northeastern fulfill this requirement at Harper by taking MAT 200 – Calculus & Analytic Geometry I.
Social / Behavioral Sciences 3 courses	9	<ul style="list-style-type: none"> • *See the Transfer Course Equivalency Guide for a listing of courses that meet this requirement at Harper College. • No more than two courses from the same department may be used.
Natural Sciences 3 courses	9	<ul style="list-style-type: none"> • Students will fulfill the Natural Sciences requirement by completing the major in Earth Science.
Fine Arts 2 courses	6	<ul style="list-style-type: none"> • *See the Transfer Course Equivalency Guide for a listing of courses that meet this requirement at Harper College. • No more than one course from the same department may be used.
Humanities 3 courses	9	<ul style="list-style-type: none"> • *See the Transfer Course Equivalency Guide for a listing of courses that meet this requirement at Harper College. • No more than two courses from the same department may be used. • No more than two foreign language courses may be used to fulfill this requirement.

Earth Science Major Requirements

Northeastern Illinois University Earth Science Major: 65-67 credits (41 in Earth Science and 24-26 in cognate areas)		
Northeastern Illinois University Course	Credits	Harper College Equivalent (if any)
ESCI 207 Global Climate and Weather	4	<i>No Equivalency at Harper College.</i>
ESCI 211 Physical Geology	4	GEO 101 Physical Geology
ESCI 306 WIP: Rocks and Minerals (This course must be completed at Northeastern)	4	<i>No Equivalencies at Harper College.</i>
ESCI 311 Mineralogy	4	
ESCI 312 Historical Geology	4	GEO 102 Historical Geology
ESCI 317 Principles of Sedimentation	4	<i>No Equivalencies at Harper College.</i>
ESCI 331 Geologic Structures & Map Interpretation	4	
ESCI 390 Field Geology	5	
Elective Courses <i>Choose from 300-level course offerings</i>	8	

Required Courses in Related Fields		
CHEM 211 General Chemistry I	5	CHM 121 – General Chemistry I
MATH 187 – Calculus I	4	MTH 200 – Calculus & Analytic Geometry I
<i>Algebra-based:</i> PHYS 201 College Physics I with lab PHYS 203 Physics I Laboratory Or <i>Calculus-based:</i> PHYS 206L University Physics I with Lab	4	PHY 121 – Introductory Physics I Or PHY 201 – General Physics I: Mechanics
Select one of the following two options		
MATH 202 Calculus II Or MATH 275 Statistics	3-4	MTH 201 Calculus & Analytic Geometry II <i>No equivalency to MATH 275 at Harper.</i>
Select two options from the following list		
BIOL 201 General Biology I	4	BIO 110 Principles of Biology
BIOL 202 General Biology II	4	BIO 140 General Zoology
CHEM 212 General Chemistry II	4	CHM 122 General Chemistry II
CHEM 213 Quantitative Analysis	5	CHM 210 Quantitative Analysis
CHEM 231 Organic Chemistry I	4	CHM 204 Organic Chemistry I
<i>Algebra-based:</i> PHYS 202 College Physics II with lab PHYS 204 Physics II Laboratory Or <i>Calculus-based:</i> PHYS 207L University Physics II with Lab	4	PHY 122 – Introductory Physics II Or PHY 202 General Physics :Electricity & Magnetism
PHYS 305 Modern Physics I	4	PHY 203 General Physics III: Thermal & Quantum Physics
Earth Science Major Policies		
<ul style="list-style-type: none"> • Students must earn a grade of “C” or higher in all courses counted toward the major. No “P” grades will count toward a major. Earth Science courses with "D" grades may be used as university electives. • Transfer courses must be approved by the department before being applied to the major or minors. • For transfer students at least one half of the courses applied to the major (15 semester hours) must be taken at Northeastern. 		

Tuition, Financial Aid and Scholarships

Northeastern Illinois University is committed to providing an affordable education. That’s why our tuition and fees are among the most affordable of the Illinois Public Universities. We offer a **tuition guarantee program** that guarantees incoming students the same tuition rate for four years.

For information about financing your education at Northeastern, including Financial Aid and Scholarship opportunities, please see our website: <http://www.neiu.edu/financial-aid/>. You may also contact our Financial Aid Office directly at (773) 442-5016 or email Financial-Aid@neiu.edu. If you are completing the Free Application for Federal Student Aid (FAFSA), Northeastern’s federal School code is **001693**.

Provost and Deans Merit Scholarships for TRANSFER students:

Provost Merit Scholarship

Scholarships in the amount of **\$2,000** will be awarded to new transfers who meet the following criteria and who apply early for admission. Scholarships will be awarded on a first-come first-serve basis:

- Admitted entering transfer students with an Associate of Arts or Associate of Science (or at least 60 earned credits).
- Must have at least a cumulative transfer GPA of 3.50.
- Must be an Illinois resident.
- Must be a full time student at Northeastern.

Deans Merit Scholarship

Scholarships in the amount of **\$1,000** will be awarded to new transfers who meet the following criteria and who apply early for admission. Scholarships will be awarded on a first-come first-serve basis:

- Admitted entering transfer students with an Associate of Arts or Associate of Science (or at least 60 earned credit hours).
- Must have at least a cumulative transfer GPA of 3.00.
- Must be an Illinois resident.
- Must be a full time student at Northeastern.

Until all of the scholarships are awarded, students who meet these qualifications will automatically be considered for the Provost and Deans Merit Scholarships at the time of applying for admission to Northeastern. Completing an additional application is not necessary. The Office of Scholarships may be reached at (773) 442-4606 or scholarships@neiu.edu.