



City Colleges of Chicago Transfer Guide Bachelor of Science in Earth Science

Available at:
NEIU Main Campus (Chicago, IL)

Why Choose Northeastern?

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.

Northeastern offers more than 40 undergraduate degree and certificate programs, with classes on weekdays, evenings, weekends, and online. Small class sizes allow for students to pursue a more personal academic experience in one of the most ethnically diverse universities in the nation.

Earth Science Program Description

The Bachelor of Science degree in Earth Science uses an integrated approach to understand the composition, structure, evolution, and dynamic of planet Earth. The program combines geology, mathematics, physics, chemistry, and field studies to address how the earth works over various spatial and temporal scales. The main subject areas studied include general and historical geology, properties of Earth materials, igneous petrology, sedimentology and stratigraphy, structural geology, field methods, and climate science.

Students are mentored in the lab and in outdoor field experiences in independent studies, capstone research projects, and/or internships. From satellite imagery and climate modeling to laboratory experiments and petrographic studies to field observations and biogeochemical analysis of water resources, the focus is on the techniques, skills, and knowledge that prepares students for a diversified job market in the twenty first century.

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 biology, chemistry, computer science, earth science, environmental 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:

Semester Applying	Deadline to Apply	International Student Deadline to Apply
Fall	July 15	June 15
Spring	November 1	October 1
Summer I	April 1	March 1
Summer II	May 1	April 1

General Education Requirements

Three options are available to students who plan to complete their General Education requirements at City Colleges of Chicago.

- **Associate of Arts or Associate of Science degree:** 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. Students who transfer with an Associate of Science 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.
- **Completion of the Illinois Articulation Initiative (IAI):** Students who transfer after completing the Illinois Articulation Initiative (IAI) will have met their General Education requirements.
- **Transfer Course Lists for City Colleges of Chicago:** Students may choose to meet their General Education requirements by selecting courses from Northeastern's [Transfer Course Equivalency Guides](#). **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	City Colleges of Chicago Equivalent (if any)
Math / Quantitative Reasoning – one course (3 hours)	3	<ul style="list-style-type: none"> ● Students will fulfill the Math/Quantitative Reasoning requirement by completing the major in Earth Science.
Social / Behavioral Sciences 3 courses (9 hours)	9	<ul style="list-style-type: none"> ● No more than two courses from the same department may be used.
Natural Sciences 3 courses (9 hours)	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 hours)	6	<ul style="list-style-type: none"> ● No more than one course from the same department may be used.
Humanities 3 courses (9 hours)	9	<ul style="list-style-type: none"> ● 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.
Non-General Education University Requirements (3-6 hours)	3-6	<ul style="list-style-type: none"> ● ENGLISH 101 Composition I at City Colleges of Chicago with a grade of "C" or better. ● Improving Human Relations Requirement – can be met through one of many general education courses. Please see the Transfer Course Equivalency Guide to find courses meeting the Human Relations requirement at your school.

Degree Plan*

D: Degree		Semester-by-Semester Program Plan for Full-Time Students			
GECC: General Education Core Curriculum		*All plans can be modified to fit the needs of part-time students by adding additional semesters			
D	GECC	Semester 1	CCC Category	NEIU Category	Next Actions
•	•	ENGLISH 101 Composition I (3)	Communication	Writing Requirement	DO THIS – Meet with advisor to discuss academic goals and plan coursework
•	•	Social/Behavioral Science Course (3)	Social Science	General Education	
•	•	GEOLOGY 201 Physical Geology (4)	Physical Science	General Education Major Requirement – ESCI 211	
•	•	Fine Arts Course (3)	Fine Arts	General Education	
•	•	SPEECH 101 Fundamentals of Speech Communication (3)	Communication	General Education	
16 Credit Hours					
D	GECC	Semester 2	CCC Category	NEIU Category	Next Actions
•	•	ENGLISH 102 Composition II (3)	Communication	Elective	DO THIS – Mid-term check-in with advisor
•	•	Social Science Course (3)	Social Science	General Education	
•	•	MATH 143 Precalculus (6)	Prerequisite	Math/Quantitative Reasoning	
•	•	CHEM 201 General Chemistry I (5)	Physical Science	General Education Cognate Requirement – CHEM 211	
17 Credit Hours					
D	GECC	Semester 3	CCC Category	NEIU Category	Next Actions
•	•	MATH 207 Calculus & Analytic Geometry I (5)	Mathematics	Math/Quantitative Reasoning Cognate Requirement – MATH 187	DO THIS – Mid-term check-in with advisor
•	•	PHYSICS 221 Mechanics, Waves and Heat or PHYSICS 235 Engineering Physics I: Mechanics & Wave Motion (5)	Physical Science	General Education Cognate Requirement – PHYS 201L or 206L	
•	•	BIOLOGY 121 Biology I (5)	Life Science	General Education Cognate Requirement – BIO 201	DO THIS – Apply for admission to NEIU
15 Credit Hours					
D	GECC	Semester 4	CCC Category	NEIU Category	Next Actions
•	•	Humanities Course (3)	Humanities	General Education	DO THIS – Petition to graduate
•	•	MATH 208 Calculus & Analytic Geometry II (5) or MATH 216 Statistics for Business Majors (4)	Mathematics	Math/Quantitative Reasoning Cognate Requirement – MATH 208 or MATH 275	
•	•	Select one of BIOLOGY 122, CHEM 203, 205, PHYSICS 222 or 236 (5-6)	Life/Physical Science	General Education Cognate Requirement	
12-14 Credit Hours					
MINIMUM TOTAL AS CREDIT HOURS: 60					
WRITTEN DEGREE PLAN CREDIT RANGE: 60-64					

Notes:

- All students who earn an Associate of Science degree from City Colleges of Chicago enter Northeastern with 64 hours of transfer credit, even if they earned less than 64 credit hours. See the [NEIU Transfer Policy](#) for further information.
- All City Colleges of Chicago students must complete the Human Diversity requirement as part of their associate's degree. See your City Colleges of Chicago advisor for course options.
- *The above plan does not include the additional Social/Behavioral Science and Humanities courses required to meet general education at Northeastern. If these courses are not taken at City Colleges of Chicago, they will need to be taken at Northeastern. All substitutions in the plan should be made in consultation with the student's advisor.

Northeastern Illinois University		
<i>All plans can be modified to fit the needs of part-time students by adding additional semesters</i>		
Semester 5	NEIU Category	
ESCI 303 Environmental Geology in the Field (4)	Major Requirement	DO THIS – Meet with the Earth Science Department to declare your major, have your transcripts evaluated, and get advice about the next courses you should take.
ESCI 306 WIP: Earth Materials (4)	Major Requirement WIP Requirement	
ESCI 307 Climate Change: Evidence, Causes, Effects (4)	Major Requirement ELE-X Requirement	
Humanities Course (3)	General Education	
15 Credit Hours		
Semester 6	NEIU Category	Next Actions
ESCI 311 Mineralogy and Petrology I (4)	Major Requirement	DO THIS – Meet with your Earth Science advisor
ESCI 312 Historical Geology (4)	Major Requirement	
ESCI 317 Sedimentology and Stratigraphy (4)	Major Requirement	
Social Behavioral Science Course (3)	General Education	
15 Credit Hours		
Semester 7	NEIU Category	Next Actions
ESCI 330 Structural Geology (4)	Major Requirement	DO THIS – Meet with your Earth Science advisor DO THIS – Apply for graduation DO THIS – Meet with Career Services for career counseling
ESCI 300 Level Elective (4)	Major Requirement	
ESCI 300 Level Elective (4)	Major Requirement	
ELE 300 Level Elective (select in consultation w/advisor) (3)	ELE Requirement	
15 Credit Hours		
Semester 8	NEIU Category	Next Actions
ESCI 390 Field Geology (5)	Major Requirement ELE-DS Requirement	DO THIS – Meet with your Earth Science advisor DO THIS – Meet with Career Services for career counseling COMPLETION of Bachelor of Science Degree
Any Level Elective (3)	Elective	
Any Level Elective (3)	Major Requirement	
11 Credit Hours		
BACHELOR'S DEGREE MINIMUM TOTAL: 120 CREDIT HOURS		

Financial Aid and Scholarships

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*:

Scholarship	Amount Awarded	Credit Hour Requirement	GPA Requirement	Residency Requirement	NEIU Enrollment Requirement
Provost Merit	\$2,000	60+ credit hours	3.50 GPA	Illinois Residency	Full-Time (12+ credit hours)
Dean's Merit	\$1,000	60+ credit hours	3.0 GPA	Illinois Residency	Full-Time (12+ credit hours)

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.