



## City Colleges of Chicago Transfer Guide Bachelor of Science in Biology

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.

### Biology Program Description

The Department of Biology currently offers courses of study leading to the degrees of Bachelor of Science and Master of Science. The broadly-based requirements of the undergraduate major are designed to prepare students for:

1. advanced studies in biology, biomedical sciences, environmental biology, ecology and applied ecology;
2. professional training in medicine, dentistry, optometry, chiropractic, pharmacy, veterinary medicine and other health professions;
3. teaching of biology in secondary schools; or
4. career opportunities in research, biomedical sciences, agriculture, industry, government, and academic institutions.

Whether you're interested in a career in the biotechnology, health sciences, ecology, botany or zoology fields, or if you are on your path to an advanced degree, the Biology Department at Northeastern Illinois University is ready to give you the tools to succeed. Our students gain employment in industry, government and non-profit organizations and matriculate into medical, veterinary, pharmacy, and other health professional programs and into master's degree and Ph.D. graduate programs.

### 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](mailto: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](mailto: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](http://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 <b>36 credit hours</b> of courses distributed among 5 areas.		
Northeastern Illinois University Requirement	Credits	City Colleges of Chicago Equivalent (if any)
<b>Math / Quantitative Reasoning – one course (3 hours)</b>	3	<ul style="list-style-type: none"> <li>Students will fulfill the Math/Quantitative Reasoning requirement by completing the major in Biology.</li> </ul>
<b>Social / Behavioral Sciences 3 courses (9 hours)</b>	9	<ul style="list-style-type: none"> <li>No more than two courses from the same department may be used.</li> </ul>
<b>Natural Sciences 3 courses (9 hours)</b>	9	<ul style="list-style-type: none"> <li>Students will fulfill the Natural Sciences requirement by completing the major in Biology.</li> </ul>
<b>Fine Arts 2 courses (6 hours)</b>	6	<ul style="list-style-type: none"> <li>No more than one course from the same department may be used.</li> </ul>
<b>Humanities 3 courses (9 hours)</b>	9	<ul style="list-style-type: none"> <li>No more than two courses from the same department may be used.</li> <li>No more than two foreign language courses may be used to fulfill this requirement.</li> </ul>
<b>Non-General Education University Requirements (3-6 hours)</b>	3-6	<ul style="list-style-type: none"> <li><b>ENGLISH 101</b> Composition I at City Colleges of Chicago with a grade of "C" or better.</li> <li>Improving Human Relations Requirement – can be met through one of many general education courses. Please see the <a href="#">Transfer Course Equivalency Guide</a> to find courses meeting the Human Relations requirement at your school.</li> </ul>

## Degree Plan\*

D: Degree GECC: General Education Core Curriculum		Semester-by-Semester Program Plan for Full-Time Students <i>*All plans can be modified to fit the needs of part-time students by adding additional semesters</i>			
D	GECC	Semester 1	CCC Category	NEIU Category	Next Actions
•	•	ENGLISH 101 Composition I (3)	Communication	Writing Requirement	<b>DO THIS</b> – Meet with advisor to discuss academic goals and plan coursework  <b>DO THIS</b> – Visit your campus Advising Center
•	•	Social/Behavioral Science Course (3)	Social Science	General Education	
•	•	BIOLOGY 121 Biology I (5)	Life Science	General Education Major Requirement – BIO 201	
•	•	Fine Arts Course (3)	Fine Arts	General Education	
•	•	SPEECH 101 Fundamentals of Speech Communication (3)	Communication	General Education	
17 Credit Hours					
D	GECC	Semester 2	CCC Category	NEIU Category	Next Actions
•	•	ENGLISH 102 Composition II (3)	Communication	Elective	<b>DO THIS</b> – Mid-term check-in with advisor
•	•	BIOLOGY 122 Biology II (5)	Life Science	General Education Major Requirement – BIO 202	
•		MATH 143 Precalculus (6) or MATH 140 College Algebra (4)*	Prerequisite	Math/Quantitative Reasoning	<b>DO THIS</b> – <a href="#">Apply</a> to NEIU's Guaranteed Admission Program (GAP)
•	•	PHYSICS 221 Mechanics, Waves, and Heat (5)	Physical Science	General Education Cognate Requirement – PHYS 201L	
17-19 Credit Hours					
D	GECC	Semester 3	CCC Category	NEIU Category	Next Actions
•	•	MATH 207 Calculus & Analytic Geometry I (5) or MATH 216 Statistics for Business Majors (4)*	Mathematics	Cognate Requirement – MATH 187 or MATH 275	<b>DO THIS</b> – Mid-term check-in with advisor <b>DO THIS</b> – Begin seeking additional four-year funding <b>DO THIS</b> – <a href="#">Apply for admission</a> to NEIU
•		PHYSICS 222 Electricity, Light and Modern Physics (5)	Elective	General Education Cognate Requirement – PHYS 202L	
•	•	CHEM 201 General Chemistry I (5)	Physical Science	General Education Cognate Requirement – CHEM 211	
14-15 Credit Hours					
D	GECC	Semester 4	CCC Category	NEIU Category	Next Actions
•		CHEM 203 General Chemistry II (5)	Elective	Cognate Requirement – CHEM 212	<b>DO THIS</b> – Petition to graduate <b>COMPLETION</b> of Associate of Science Degree <b>DO THIS</b> – <a href="#">Register for NEIU orientation</a> (once admitted)
•	•	Social/Behavioral Science Course (3)	Social Science	General Education	
•	•	Humanities Course (3)	Humanities	General Education	
•		Select one of BIOLOGY 209, 226, 227, 241, 242, 251, or BOTANY 202 (3-4)	Elective	Major Requirement – BIO Elective	
14-15 Credit Hours					
MINIMUM TOTAL AS CREDIT HOURS: 60 WRITTEN DEGREE PLAN CREDIT RANGE: 62-66					

### 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.
- \*MATH 207 or MATH 216 are required in the Cognate requirements for Biology majors. MATH 143 and MATH 140 are the respective prerequisites for each of those courses at City Colleges of Chicago.
- \*\*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		
All plans can be modified to fit the needs of part-time students by adding additional semesters		
Semester 5	NEIU Category	DO THIS – Meet with the Biology Department to declare your major, have your transcripts evaluated, and get advice about the next courses you should take.
BIO 250 Essential Skills for Biologists (2)	Major Requirement	
BIO 301 Cell Biology (4)	Major Requirement ELE-DS Requirement	
Social Behavioral Science Course (3)	General Education	
Humanities Course (3)	General Education	
300 Level Elective (3)	Elective/Upper Division	
15 Credit Hours		
Semester 6	NEIU Category	Next Actions
BIO 305 WIP: General Ecology (4)	Major Requirement ELE-DS Requirement WIP Requirement	DO THIS – Meet with your Biology advisor
BIO 300 Level Elective (select in consultation w/advisor) (4)	Major Requirement	
CHEM 231 Organic Chemistry I (4)	Major Requirement	
300 Level Elective (3)	Elective/Upper Division	
15 Credit Hours		
Semester 7	NEIU Category	Next Actions
BIO 303 Genetics (4)	Major Requirement ELE-DS Requirement	DO THIS – Meet with your Biology advisor
BIO 300 Level Elective (select in consultation w/advisor) (4)	Major Requirement	
ELE-X 300 Level Elective (select in consultation w/advisor) (3)	ELE-X Requirement	DO THIS – Apply for graduation
Any Level Elective (4)	Elective	
15 Credit Hours		
		DO THIS – Meet with Career Services for career counseling
Semester 8	NEIU Category	Next Actions
BIO 390 Biology Senior Seminar (or other Capstone course) (select in consultation w/advisor) (3-4)	Major Requirement	DO THIS – Meet with your Biology advisor
BIO 300 Level Elective (select in consultation w/advisor) (4)	Major Requirement	DO THIS – Meet with Career Services for career counseling
BIO 300 Level Elective (select in consultation w/advisor) (3-4)	Major Requirement	COMPLETION of Bachelor of Science Degree
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](mailto: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](mailto:scholarships@neiu.edu).