

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 50 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 <u>TransferSteps@neiu.edu</u>.

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 <u>L-West2@neiu.edu</u>.

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	August 1	June 15
Spring	December 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 or Associate of Science degree will have met Northeastern Illinois University's General Education requirements. For information regarding completing an Associate of Arts or Associate of Science at CCC, including assistance with course selection, please visit Advising Services at CCC. More information is available at their website (<u>http://www.ccc.edu/departments/Pages/Advising.aspx</u>) or by calling (773) 265-5343.
- **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 <u>Transfer Course Equivalency Guides</u>. 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	• Students will fulfill the Math/Quantitative Reasoning requirement by completing the major in Biology.		
Social / Behavioral Sciences 3 courses (9 hours)	9	 No more than two courses from the same department may be used. 		
Natural Sciences 3 courses (9 hours)	9	• Students will fulfill the Natural Sciences requirement by completing the major in Biology.		
Fine Arts 2 courses (6 hours)	6	 No more than one course from the same department may be used. 		
Humanities 3 courses (9 hours)	9	 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	 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 <u>Transfer Course Equivalency Guide</u> to find courses meeting the Human Relations requirement at your school. 		

Degree Plan*

• 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 discuss academic goals and plan coursework • BIOLOGY 121 Biology I (5) Life Science General Education DO THIS - Visit your campus Advising Center • • Fine Arts Course (3) Fine Arts General Education DO THIS - Visit your campus Advising Center • • SPEECH 101 Fundamentals of Speech Communication General Education DO THIS - Visit your campus Advising Center • • SPEECH 101 Fundamentals of Speech Communication Elective DO THIS - Mid-term check-in wit advisor • ENGLISH 102 Composition II (3) Communication Elective DO THIS - Mid-term check-in wit advisor • ENGLISH 102 Composition II (3) Communication Elective DO THIS - Apply to NEIU's Guaranteed Admission Program (GAP) • BIOLOGY 122 Biology II (5) Life Science General Education Cognate Requirement - PHYS 201(GAP) DO THIS - Apply to NEIU's Guaranteed Admission Program (GAP) • PHYSICS 221 Mechanics, Waves, and Hot General Education Cognate Requirement - MATH 187 or MATH 27	D	iculum GECC	Semester 1	CCC Category	NEIU Category	Next Actions
• Social/Behavioral Science Course (3) Social Science General Education discuss academic goals and plan • BIOLOGY 121 Biology I (5) Life Science General Education Coursework • Fine Arts Course (3) Fine Arts General Education Coursework • SPEECH 101 Fundamentals of Speech Communication General Education Advising Center • SPEECH 101 Fundamentals of Speech Communication General Education Advising Center • SPEECH 101 Fundamentals of Speech Communication General Education Advising Center • ENGLISH 102 Composition II (3) Communication Elective Do THIS – Mid-term check-in wit advisor • BIOLOGY 122 Biology II (5) Life Science General Education Major Requirement – BIO 202 Do THIS – Apply to NEIU's Guaranteed Admission Program (GAP) • MATH 143 Precalculus (6) or MATH Prerequisite Math/Quantitative Reasoning Do THIS – Apply to NEIU's Guaranteed Admission Program (GAP) • PHYSICS 221 Mechanics, Waves, and Hat (5) Physical Science General Education Cognate Requirement – PHYS 2011 Do THIS – Mid-term check-in wit advisor • MATH 207 Calculus & Analytic Geometry	•					
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240, 251, 295 or MCROBIO 233 (2-4) orientation (once admitted	•		Select one of BIOLOGY 209, 226, 227,	Elective	Major Requirement – BIO Elective	
			240, 251, 295 or MCROBIO 233 (2-4)			orientation (once admitted

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 <u>NEIU Transfer Policy</u> 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.

Northeastern Illinois University				
All plans can be modified to fit the n	eeds of part-time students	by adding additional semesters		
Semester 5	NEIU Category			
BIO 250 Essential Skills for Biologists (2)	Major Requirement	DO THIS – Meet with the Biology Department to declare		
BIO 301 Cell Biology (4)	Major Requirement	your major, have your transcripts evaluated, and get		
	ELE-DS Requirement	advice about the next courses you should take.		
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	DO THIS – Meet with your Biology advisor		
	ELE-DS Requirement			
	WIP Requirement			
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	DO THIS – Meet with your Biology advisor		
	ELE-DS Requirement			
BIO 300 Level Elective (select in consultation w/advisor) (4)	Major Requirement	DO THIS – Apply for graduation		
ELE-X 300 Level Elective (select in consultation w/advisor) (3)	ELE-X Requirement			
Any Level Elective (4)	Elective	DO THIS – Meet with Career Services for career		
	15 Credit Hours	counseling		
Semester 8	NEIU Category	Next Actions		
BIO 390 Biology Senior Seminar (or other Capstone course)	Major Requirement	DO THIS – Meet with your Biology advisor		
(select in consultation w/advisor) (3-4)		DO THIS – Meet with Career Services for career		
BIO 300 Level Elective (select in consultation w/advisor) (4)	Major Requirement	counseling		
BIO 300 Level Elective (select in consultation w/advisor) (3-4)	Major Requirement	COMPLETION of Bachelor of Science Degree		
	11 Credit Hours	1		
BACHELOR'S DEGREE MINIM	UM 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: <u>http://www.neiu.edu/financial-aid</u>/. You may also contact our Financial Aid Office directly at (773) 442-5016 or email <u>Financial-Aid@neiu.edu</u>. 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 <u>scholarships@neiu.edu</u>.