



DEGREE CODE:  
AS 0211

### PATHWAY: Environmental Biology

Visit your College Advisor, [ccc.edu](http://ccc.edu), or your college's Transfer Center for more information.

Ever been told you can't see the forest from the trees? When environmental biologists get to work, they not only look at the trees—they look at the animals, the rocks, the soil, and the air. The environmental biology pathway studies the web of living and nonliving things in an environment to understand how the whole system works. Studying environmental biology, you can later transfer to a four-year university as a junior, obtain your bachelor's degree and work in fields like environmental engineering, forestry, wildlife preservation or national park administration.

This is an **example course sequence** for students interested in earning a degree in Environmental Biology. This pathway does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Associate in Science (AS) degree. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below. Following this pathway will help you get your associate degree, which will increase your chances of transfer to bachelor's-level programs of study. Choose Illinois Articulation Initiative (IAI) courses to fulfill general education requirements whenever possible. Visit [www.itransfer.org](http://www.itransfer.org) and speak with your college advisor to learn more about IAI.

#### Choose your courses with your College Advisor.

Communications and mathematics pre-credit requirements. Placements based on current placement instrument, ACT or department chair recommendation.			College-level courses that can be taken while in pre-credit courses.	
ENGLISH PLACEMENT	READING PLACEMENT	MATHEMATICS PLACEMENT	GENERAL EDUCATION COURSES	ELECTIVE COURSES
<input type="checkbox"/> ESL/FS Writing	<input type="checkbox"/> ESL/FS Reading	<input type="checkbox"/> FS Mathematics I	<input type="checkbox"/> Humanities: Africana Studies 101	<input type="checkbox"/> College Success
<input type="checkbox"/> ESL/English 98	<input type="checkbox"/> ESL/Reading 99	<input type="checkbox"/> FS Mathematics II		
<input type="checkbox"/> ESL 99	<input type="checkbox"/> ESL Reading 100	<input type="checkbox"/> Mathematics 98		
<input type="checkbox"/> ESL/English 100	<input type="checkbox"/> Reading 125	<input type="checkbox"/> Mathematics 99		

### SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters.

D	SEMESTER 1	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	English 101—Composition I (3)	Communications	<b>DO THIS</b> —Meet with advisor to discuss academic goals and plan coursework <b>DO THIS</b> —Begin research on four-year schools
●	Mathematics 140—College Algebra (4)	Mathematics	
●	Biology 119—Environmental Biology (4)	Life Sciences	
●	Africana Studies 101—Introduction to Africana Studies (HD) (3) <b>OR</b> Anthropology 202—Cultural Anthropology (HD) (3) <b>OR</b> History 215—History of Latin America (HD) (3) <b>OR</b> History 247—African History to Colonial Period (HD) (3) <b>OR</b> Literature 121—Contemporary African-American Literature (HD) (3) <b>OR</b> Literature 150—Women's Literature (HD) (3)	Humanities or Social & Behavioral Sciences (HD)	
<b>14 CREDIT HOURS</b>			
D	SEMESTER 2	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	Biology 121—Biology I (5)	Life Sciences	<b>DO THIS</b> —Mid-term check-in with advisor <b>DO THIS</b> —Visit your campus Transfer Center to discuss options and create a short list of four-year schools for potential transfer
●	English 102—Composition II (3)	Communications	
●	Speech 101—Fundamentals of Speech Communication (3)	Communications	
●	Social & Behavioral Sciences course (3)	Social & Behavioral Sciences	
<b>14 CREDIT HOURS</b>			
D	SEMESTER 3	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	Biology 122—Biology II (5)	Elective	<b>DO THIS</b> —Mid-term check-in with advisor <b>DO THIS</b> —Begin seeking additional four-year funding outlets such as scholarships and aid
●	Chemistry 201—General Chemistry (5)	Physical Sciences	
●	Fine Arts course (3)	Fine Arts	
●	Mathematics 125—Introductory Statistics (4)	Mathematics	
<b>17 CREDIT HOURS</b>			
D	SEMESTER 4	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	Chemistry 203—General Chemistry II (5)	Elective	<b>COMPLETION</b> of Associate in Science degree in Environmental Biology
●	Humanities course (3) <b>OR</b> Social & Behavioral Sciences course (3)	Humanities or Social & Behavioral Sciences	
●	Program Elective (4)	Elective	
●	Program Elective (3)	Elective	
<b>15 CREDIT HOURS</b>			
<b>DEGREE MINIMUM: 60 CREDIT HOURS // PATHWAY TOTAL: 60 CREDIT HOURS</b>			

# CITY COLLEGES OF CHICAGO 2019–20 ACADEMIC CATALOG

## NATURAL SCIENCES

### PROGRAM ELECTIVES

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Biology 122–Biology II (5)                       | <input type="checkbox"/> Biology 299–Environmental Biology Research (3) | <input type="checkbox"/> Mathematics 140–College Algebra (4) and Mathematics 141–Plane Trigonometry (3) OR Mathematics 143–Precalculus (6) |
| <input type="checkbox"/> Biology 236–Environmental Biology II (4)         | <input type="checkbox"/> Chemistry 121–Basic Chemistry I (4)            | <input type="checkbox"/> Microbiology 236–Environmental Microbiology (4)   |
| <input type="checkbox"/> Biology 299–Environmental Biology Internship (3) | <input type="checkbox"/> Chemistry 203–General Chemistry II (5)         |  |

1. Chemistry 121 should only be taken if the student needs it for admittance into Chemistry 201.
2. Mathematics 143 should only be taken if the student it for admittance into Mathematics 207.

D = DEGREE // AC = ADVANCED CERTIFICATE // BC = BASIC CERTIFICATE

Programs offered at:

