ENVIRONMENTAL BIOLOGY, ASSOCIATE IN SCIENCE

College(s): DA, HW, KK, MX, OH, TR, WR

Program Code: 0211

Pathway

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.

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.

Course | Title | Hours
--- | --- | ---
**Semester 1**
ENGLISH 101 | Composition | 3
MATH 140 | College Algebra | 4
BIOLOGY 119 | Environmental Biology | 4
Select one of the following: | | 3

AFRO AM 101 | Introduction to African-American Studies (HD) | 1
ANTHRO 202 | Cultural Anthropology (HD) | 1
HISTORY 215 | History of Latin America (HD) | 1
HISTORY 247 | African History to Colonial Period (HD) | 1
LIT 121 | Contemporary African American Literature (HD) | 1
LIT 150 | Women’s Literature (HD) | 1

Semester 2

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| BIOLOGY 121 | Biology I | 5
| ENGLISH 102 | Composition | 3
| SPEECH 101 | Fundamentals of Speech Communication | 3
| Social and Behavioral Sciences course | 3 |
| **Hours** | **14** |

Semester 3

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| BIOLOGY 122 | Biology II | 5
| CHEM 201 | General Chemistry I | 5
| Fine Arts course | 3
| MATH 125 | Introductory Statistics | 4
| **Hours** | **17** |

Semester 4

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| CHEM 203 | General Chemistry II | 5
| Humanities or Social and Behavioral Sciences course | 3
| Pathway Elective (p. 1) | 4
| Pathway Elective (p. 1) | 3
| **Hours** | **15** |

**Total Hours** | **60**

1 | General Education Requirement
2 | Pathway Elective (p. 1)

Pathway Electives

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| BIOLOGY 122 | Biology II | 5
| BIOLOGY 236 | Environmental Biology II | 4
| BIOLOGY 299 | Special Topics In Biology (Environmental Biology Internship) | 3
BIOLOGY 299  |  Special Topics In Biology (Environmental Biology Research)  |  3
CHEM 121  |  Basic Chemistry I  |  4
CHEM 203  |  General Chemistry II  |  5
Select one of the following:  |  6-8
MATH 140 & MATH 141  |  College Algebra and Plane Trigonometry  |  
MATH 143  |  Pre Calculus 2  |  
MCROBIO 236  |  Applied & Environmental Microbiology  |  4

1 CHEM 121 Basic Chemistry I should only be taken if the student needs it for admittance into CHEM 201 General Chemistry I.
2 MATH 143 Pre Calculus should only be taken if the student needs it for admittance into MATH 207 Calculus & Analytic Geometry I.

Choose your courses with your College Advisor.