

# Harper College Transfer Planning Guide

## Associate in Science – Environmental Science Sample Plan

### Transfer & Career Notes

Environmental science majors may choose from a variety of specializations including Agronomy, General Plant Science, Plant Pathology, Ornamental Horticulture. Students may also choose a concentration in biology, geology, chemistry or physics. The title of this major may vary from school to school.

Most programs require coursework in biology, chemistry, physics, geology and math.

Environmental science majors may find occupations such as environmental soil scientist, landscape designer, soils/wetland specialist, waste management, air pollution control.

### Suggested Courses

This sample transfer planning guide meets the requirements of the Fall 2016 AS degree. Students are also encouraged to complete course sequences at the same institution prior to transfer. Transfer institution requirements may vary – students should check individual college/university requirements before completing the sample plan as outlined. Baccalaureate admission may be competitive; completion of these courses alone does not guarantee admission.

**Requirements for schools vary. Students should check the individual school requirements before completing the curriculum as outlined.**

| Courses | Semester Hours |
|---------|----------------|
|---------|----------------|

#### Communications

|  |   |
|--|---|
| ENG 101 English Composition I                | 3 |
| ENG 102 English Composition II               | 3 |
| SPE 101 Fundamentals of Speech Communication | 3 |

#### Mathematics

Students should check the curriculum of the transfer schools they are considering.

|   |           |     |
|---|-----------|-----|
| MTH 134 Calculus for Social Scientists    | <b>OR</b> |     |
| MTH 200 Calculus with Analytic Geometry I |           | 4-5 |

#### Physical & Life Sciences

|  |   |
|--|---|
| BIO 115 Fundamentals of Cellular Biology | 4 |
| CHM 121 General Chemistry                | 5 |

#### Humanities & Fine Arts

|  |   |
|--|---|
| Select at least one course from humanities and one from fine arts.<br>Interdisciplinary courses may count in either category.<br><b>See Group 4 - Humanities and Fine Arts - in the AS Degree.</b> | 6 |
|--|---|

For students following the 2005-2006 catalog or later, one course from humanities and fine arts or social and behavioral sciences must meet the world cultures and diversity requirement.

#### Social & Behavioral Sciences

|                                    |   |
|------------------------------------|---|
| ECO 211 Microeconomics             | 3 |
| PSY 101 Introduction to Psychology | 3 |

For students following the 2005-2006 catalog or later, one course from humanities and fine arts or social and behavioral sciences must meet the world cultures and diversity requirement.

#### Additional Mathematics Course

|                               |   |
|-------------------------------|---|
| MTH 165 Elementary Statistics | 4 |
|-------------------------------|---|

### Additional Science Course

BIO 116 Fundamentals of Organismal Biology 4

### Major Discipline and Transfer Electives

Students should check the curriculum of the transfer schools they are considering.

BIO 120 General Botany 4

CHM 122 General Chemistry II 5

BIO 140 General Zoology 4

GEO 101 Physical Geology 4

Other elective credit. Approved courses are listed with the requirements for the associate degrees.

**See Group 6 – Major Discipline and Transfer Electives - in the AS Degree.** 9-11

## Transfer Information

Many schools offer the environmental science major. A sampling of some in Illinois include:

- Bradley University
- Dominican University
- Loyola University
- University of Illinois at Chicago
- University of Illinois at Urbana Champaign

## More Information

For additional transfer resources and to make an appointment with a counselor, please contact one of our advising offices.

Academic Advising and Counseling I-117 847-925-6393

Center for Multicultural Learning A-347 847-925-6522

Career Development Center A-347 847-925-6220

Occupational Outlook Handbook

<http://www.bls.gov/oco/>

The Princeton Review

<http://www.princetonreview.com/>

Association for Environmental Health and Sciences

<http://www.aehs.com/>