

Environmental Science

AWARD

Environmental Science A.S. Degree. 60 cr

**ENVIRONMENTAL SCIENCE
A.S., 60 CREDITS**

Environmental Science Curriculum 31-32 cr
 General Education Curriculum 28-29 cr

CAMPUS CONTACT FOR THIS PROGRAM

biology@inverhills.edu

PURPOSE

The Environmental Science A.S. offers students a flexible degree option within the life sciences. This degree provides the opportunity to complete an Associate of Science degree with courses and credits that will transfer to a four year program in Environmental Science or related majors, such as Natural Resources, Fisheries & Wildlife, or Conservation Biology.

TRANSFER AGREEMENTS

With this transfer option, you will be able to transfer to:

St. Cloud State University, proposed

Environmental Science Curriculum 31- 32 credits

- BIOL 1117 Environmental Science 4
- BIOL 1154 Principles of Biology I 4
- BIOL 1155 Principles of Biology II 5
- BIOL 2306 General Ecology 4
- CHEM 1061 Principles of Chemistry I 5
- CHEM 1062 Principles of Chemistry II 5

Biology elective (choose one) 4-5

- BIOL 2303 Genetics 5
- BIOL 2205 Microbiology 4
- BIOL 2305 Principles of Microbiology 5

General Education Curriculum 28-29 credits

- ENG 1108 Writing and Research Skills. 4
- COMM 1100 Interpersonal Communication **OR**
- COMM 1110 Public Speaking 3
- MnTC Goal 4 elective (MATH 1118 College Algebra I or higher) 4
- MnTC Goal 5 elective 3
- MnTC Goal 6 elective 3
- General electives (MnTC courses only). 11-12

Recommended Elective Courses

Should be tailored to specific major track and transfer university:

- English Composition (ENG 1111, 1114 or 1130)
- Higher level math courses, such as Pre-calculus or Calculus
- PHIL 2130 Environmental Philosophy (*Goal 9*)
- ECON 1106 Principles of Microeconomics (*Goal 5, 8*)
- POLS 1141 Environmental Politics (*Goal 5, 10*)
- Organic Chemistry I and II
- GIS
- Geology
- Geography

TOTAL CREDITS 60

FULL-TIME RECOMMENDED COURSE OF STUDY

If you are studying part time, simply follow the order of the courses listed here. Note that not all courses will be available every semester. You will notice that in many instances you will be able to choose the specific course you will take from within a category. For a complete list of MnTC Goal Area course choices, please visit: inverhills.edu/MnTC

Semester 1 **15 credits**

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|---|---|
| ENG 1108 Writing & Research Skills (Goal 1, 2) | 4 |
| BIOL 1117 Environmental Science* | 4 |
| BIOL 1154 Principles of Biology I* (Goal 2, 3a) | 4 |
| COMM 1100 Interpersonal Communication (Goal 1, 7) OR | |
| COMM 1110 Public Speaking (Goal 1, 2) | 3 |

Semester 2 **14-15 credits**

| | |
|---|-----|
| BIOL 1155 Principles of Biology II* (Goal 2, 3a) | 5 |
| CHEM 1061 Principles of Chemistry I* (Goal 2, 3b) | 5 |
| MATH 1118 College Algebra I OR | |
| MATH 1127 Pre-Calculus OR | |
| MATH 1133 Calculus (Goal 4) | 4-5 |

Semester 3 **15 credits**

| | |
|--|---|
| BIOL 2306 General Ecology* (Goal 2, 3a) | 4 |
| CHEM 1062 Principles of Chemistry II* (Goal 2, 3b) | 5 |
| MnTC Goal 5 elective | 3 |
| MnTC Goal 6 elective | 3 |

Semester 4 **15-16 credits**

| | |
|---|-------|
| BIOL 2205 Microbiology* OR | |
| BIOL 2305 Principles of Microbiology OR | |
| BIOL 2303 Genetics | 4-5 |
| General electives (MnTC courses only) | 10-12 |

TOTAL CREDITS 60

* Course required for major



A member of Minnesota State

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