

# Environmental Science

Associate in Science Degree 2012-2013

Program Requirements.....	24
Program Electives .....	4
General Education/MnTC .....	30
Wellness .....	2
<b>TOTAL CREDITS.....</b>	<b>60</b>

## PROGRAM INFORMATION:

This degree program prepares individuals for the first two years of a bachelor's degree related to environmental science or environmental studies. Coursework will transfer in its entirety to St. Cloud State University and may transfer in part or in entirety to other baccalaureate institutions. Students should meet with a representative of the transfer institution when planning class schedules. For additional information about the environmental science degree, visit the biology department Web site at <http://www.AnokaRamsey.edu>.

## PROGRAM GOALS:

By completing this program, students will achieve the following learning goals:

1. Demonstrate comprehension of the ecosystem structure and function.
2. Explain the nature of biological communities.
3. Demonstrate application of critical thinking in classroom and field studies.
4. Describe economically and ecologically important resources.
5. Evaluate and describe significant environmental dilemmas.
6. Explain community and habitat dynamics.

## DEVELOPMENTAL COURSES:

Some students may need preparatory courses in the areas of English or mathematics. Courses numbered below 1000 will not apply toward this degree.

## COMPLETION REQUIREMENTS:

- A minimum grade of C must be earned in all program requirements.
- Courses within the 28-credit program requirements must be completed within 3 years. Student may petition to extend the window beyond the 3 years.
- A minimum cumulative grade point average (GPA) of 2.0 in courses numbered 1000 or above at ARCC.
- Students who have transferred to ARCC must have a minimum GPA of 2.0 in combined ARCC courses and accepted transfer courses.
- A minimum of **20 semester credits** applied toward the degree must be taken from ARCC. This requirement may be reduced from **20 to 12 semester credits** for students transferring in at least **8 semester credits** from either another MnSCU college or the University of Minnesota.
- Completion of specific degree requirements. Total of 60 credits.

## Program Sequence:

The sequence that follows is suggested for full-time students. Part-time students will need more time to complete this program; many courses are offered in the evening.

	Fall Semester	Spring Semester
<b>FIRST YEAR</b>	BIOL 1103.....3	BIOL 1106.....4
	BIOL 1103L.....1	CHEM 1062.....4
	MATH 1110 or 1200.....3	Gen'l Ed or Additional Requirements..... 6-8
	CHEM 1061.....4	<b>TOTAL .....14-16</b>
	ENGL 1121.....4	
	<b>TOTAL .....15</b>	
<b>SECOND YEAR</b>	BIOL 1107.....4	BIOL 2206 or 2207.....4
	NATS 1003.....4	Gen'l Ed or Additional Requirements..... 10-12
	Gen'l Ed or Additional Requirements..... 6-8	<b>TOTAL .....14-16</b>
	<b>TOTAL .....14-16</b>	

## Program Requirements: 24 credits

- BIOL 1106\* Principles of Biology I.....4
- BIOL 1107\* Principles of Biology II.....4
- BIOL 2206\* Animal Biology or BIOL 2207\* Plant Biology.....4
- CHEM 1061\* Principles of Chemistry I.....4
- CHEM 1062\* Principles of Chemistry I.....4
- NATS 1003 Geology.....4

## Additional Requirements: 4 credits

Select one course from the following:

- BIOL 2201\* Microbiology.....4
- BIOL 2206\* Animal Biology.....4
- BIOL 2207\* Plant Biology.....4
- BIOL 2209\* General Ecology.....4
- NATS 1005 Meteorology.....4

## General Education/MnTC Requirements: 30 credits

Complete at least 30 credits in courses from the Minnesota Transfer Curriculum (MnTC), including all courses listed. You must complete at least one course in six of the ten goal areas. One course may satisfy more than one emphasis area, but the course credits may be counted only once.

- 1. **Communication**
  - ENGL 1121\*.....4
  - CMST 1110 OR CMST 2220.....3
- 2. **Critical Thinking**
- 3. **Natural Science**
- 4. **Mathematical/Logical Reasoning**
  - MATH 1200\* or MATH 1110\*.....3
- 5. **History/Social/Behavioral Sciences**
- 6. **Humanities/Fine Arts**
- 7. **Human Diversity**
- 8. **Global Perspective**
- 9. **Ethical/Civic Responsibility**
  - PHIL 1120.....3
- 10. **People and the Environment**
  - BIOL 1103.....3
  - BIOL 1103L.....1

## Wellness Requirements: 2 credits

- Select any HPER course(s) totaling at least 2 credits.

\* Course has a prerequisite. Prerequisites are listed on the course schedule and in the ARCC Catalog Course Descriptions pages.

NOTE: The requirements of this program are subject to change without notice. You are encouraged to contact an academic advisor, Cambridge Campus 763-433-1840 or Coon Rapids Campus 763-433-1240, for course planning assistance and information about transfer credit evaluation.

