



# ENVIRONMENTAL STUDIES

## Itasca Community College- Bemidji State University

Environmental scientists work toward defining and solving environmental problems caused by the actions of human beings. Their training is broad-based and encompasses the natural sciences, mathematics, and the social sciences.

Students in the Environmental Studies program are concerned with both the technological problems and social aspects of environmental issues. Working in cooperation with the Center for Environmental Studies, they may participate in applied research. Their interdisciplinary course work includes the study of scientific principles used in environmental problem solving, and the study of the impact of economics, politics, and other social systems on environmental policies and practices.

The Bachelor of Science degree in Environmental Studies requires the choice of an area of emphasis. The student must choose one of the following areas:

- |                         |                           |                                   |
|-------------------------|---------------------------|-----------------------------------|
| Ecosystem Studies       | Environmental Engineering | Environmental Policy and Planning |
| Environmental Chemistry | Environmental Management  | Environmental Toxicology          |
|                         |                           | Geohydrology                      |

Career opportunities include: Environmental Consultant, Environmental Scientist, Hydrogeologist, Natural Resources Specialist, Researcher, Water Quality Specialist, Wastewater Treatment Operator, Ecologist, or Chemist. Many graduates of this program pursue graduate degrees in allied fields.

The following is a general, suggested two-year sequence of courses. Course choices may be different depending upon the area of emphasis selected. Bemidji State University strongly encourages students interested in Environmental Studies to complete the Associate in Arts degree at Itasca. Students following the suggested course schedule below indicate that they are pursuing the Associate in Arts degree at Itasca Community College (ICC) with the intent to transfer to Bemidji State University. The purpose of this transfer guide is to provide a sequenced curriculum of courses recommended by the receiving institution taken within the Associate in Arts degree at ICC.

\*Note: Courses numbered below 1000 and courses with a “D” grade or lower do NOT transfer.

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<b>FRESHMAN</b>		<b>Fall</b>		<b>Spring</b>	
Biol	1201	Gen Biol I	4	Biol	1202
Chem	1201	Gen Chem I	4	Chem	1202
Engl	1101	Expos Writing	4	Engl	1113
Math	1105	Statistics	4	NSci	1101
				Gen Biol II	4
				Gen Chem II	4
				Research Writing	3
				Env Sci	3
<b>SOPHOMORE</b>		<b>Fall</b>		<b>Spring</b>	
NSci	1101	Env. Sci	3	CSci	1120
Math	1121	Pre-Calc	3	Math	1122
Phil	1111	Ethics	3	Spch	1101
Phys	1101	Intro Phys I	4	Intro Spch	3
PolS	1101	Am Gov/Pol	3	<b>OR</b>	
				Spch	1105
				Fund Pub Speak	3
				GenEd	4-6

### The Minnesota Transfer Curriculum and Itasca’s Associate in Arts Degree

The public higher education colleges and universities in Minnesota have developed a common liberal education curriculum called the **Minnesota Transfer Curriculum**. Students who complete the Associate in Arts degree at Itasca Community College will have automatically met all Minnesota Transfer Curriculum requirements. **Students not pursuing an Associate Degree at Itasca will not be considered for State or Federal financial aid.**

Itasca Community College is an equal opportunity educator/employer.  
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