

Pre-Natural Resources

Associate in Science Degree

Why Pre-Natural Resources?

The Pre-Natural Resources Degree is for students who love being outdoors and are interested in protecting the integrity of the world's ecosystems. Effective assessment and management of natural resources is critical to sustaining a habitable planet, so if you envision a world of sustainable forests, wildlife, waters, and other natural resources, this is a great program for you!

Why Bay College?

The [Pre-Natural Resources program](#) at Bay College is a perfect way to get started on a Natural Resources career. Bay offers foundational courses for a variety of Natural Resources Baccalaureate (4-year) degrees. Bay students often transfer to Michigan Tech, LSSU, or UW Stevens Point to complete their studies.

Beyond Bay College

Students interested in transferring to a four-year institution to obtain a bachelor's degree or higher may find opportunities in the following areas of study:

- Ecology
- Ecosystem Management
- Environmental Biology
- Environmental Conservation
- Environmental Science
- Fisheries and Wildlife
- Forestry
- Natural Resource Management
- Outdoor Recreation
- Wildlife Management

Career Opportunities

A degree in Natural Resources opens the door to many careers in a diverse and growing field. Students can go on to be many things, such as:

- Conservation Officers
- Ecologists
- Land Managers
- Foresters
- Wildlife Educators
- Environmental Analysts
- Park Rangers
- Mammalogist

Contact

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baycollege.edu

Pre-Natural Resources, AS

Award Granted Upon Completion: Associate in Science
Credits/Contacts Required: 60/69

Major code: 02/227
CIP Code: 030101

General Education Requirements (Min. 32 Credits) @

Course #	Course Name	Cr
ENGL 101	Rhetoric & Composition	3
XXX xxx	Communication Elective (ENGL 102 or ENGL 145; COMM 103, COMM 104, or COMM 120)	3
MATH 141	Analytical Geometry & Calculus	5
BIOL 107	Environmental Science	3
BIOL 108	Environmental Science Lab	1
CHEM 110	General Chemistry I	5*
ECON 131	Macroeconomics	3 or
ECON 132	Microeconomics	3
XXXX xxx	Social & Behavioral Science Elective	3**
XXXX xxx	Humanities Electives	6**

Requirements (Min. 28 Credits) @

Course #	Course Name	Cr
BIOL 110	Evolution & Diversity	4
BIOL 112	Cells & Molecules	4
MATH 210	Introduction to Statistics	4
XXXX xxx	Natural Science Elective	4-5
XXXX xxx	Approved Electives	12#

Suggested Sequences Per Semester

First Semester

Course #	Course Name	Cr/Ct
BIOL 110	Evolution & Diversity	4
CHEM 110	General Chemistry I	5*
ENGL 101	Rhetoric & Composition	3
MATH 141	Analytical Geometry & Calculus I	5

First Semester Total - Credits: 17 | Contacts: 21

Second Semester

Course #	Course Name	Cr/Ct
BIOL 112	Cells & Molecules	4
ECON 131	Macroeconomics	3 or
ECON 132	Microeconomics	3

XXXX xxx	Communication Elective	3/3
XXXX xxx	Approved Elective	3-5/3-7#
XXXX xxx	Approved Elective	3-5/3-7#

Second Semester Total - Credits: 16-20 | Contacts: 18-26

Third Semester

Course #	Course Name	Cr/Ct
BIOL 107	Environmental Science	3
BIOL 108	Environmental Science Lab	1
MATH 210	Introduction to Statistics	4
XXXX xxx	Humanities	3/3**
XXXX xxx	Approved Elective	3-5/3-7#

Third Semester Total - Credits: 14-16 | Contacts: 15-19

Fourth Semester

Course #	Course Name	Cr/Ct
XXXX xxx	Natural Science Elective	4-5/6-7
XXXX xxx	Humanities	3/3**
XXXX xxx	Social & Behavioral Science	3/3**
XXXX xxx	Approved Elective	3-5/3-7#

Fourth Semester Total - Credits: 13-16 | Contacts: 15-20

Note(s)

☞ This degree requires fulfillment of the Michigan Transfer Agreement General Education requirements. All courses used to fulfill the MTA must have a grade of "C" or higher.

Actual courses and sequence vary with transfer institution and undergraduate degree specialization. It is in the student's best interest to review transfer guides for specific university and program requirements. Students should regularly consult their transfer institution as well as their Bay College advisor prior to scheduling courses.

@ Many courses require specific placement scores or prerequisite courses. Students not meeting the prerequisites for their required courses may need to take more time and more credits to fulfill the degree requirements.

* Students transferring to MTU may select CHEM 108 rather than CHEM 110.

** Students must choose courses in Social & Behavioral Sciences and Humanities, each from two different subject areas to meet MTA. See advisor for details.

Electives selected in consultation with transfer institutions may include BIOL 202, COMM 103, COMM 104, CHEM 112, CHEM 108, MATH 142, and PHED courses.