

# Sustainability Certificate

## Why Sustainability?

In this certificate program, students will explore the dynamic relationship between humans and their environment from cultural, economic, historical, literary, social, scientific, and technology perspectives, as well as acquire foundation skills in communications and mathematics. Courses in this certificate will explore the unifying theme of sustainability from a multidisciplinary perspective preparing students to face the challenges of global citizenship in the twenty-first century. Sustainability represents hope for the future as we face the challenge of "meeting the needs of the present without compromising the ability of future generations to meet their own needs" (as described in the American Association of Community Colleges' Resolution in Support of Education for Sustainable Development, November, 2007).

## Why Bay College?

The [Sustainability certificate program](#) at Bay College is a valuable adjunct to any AA, AS, or AAS degree. It will assist students to stand out from their peers in the competitive employment market. This certificate is especially valuable for students majoring in business, technology, education, natural resources, or any field at the forefront of the sustainability revolution.

## Beyond Bay College

A Bachelor's degree or higher is required for many careers sustainability. [The University of Wisconsin Online Sustainable Management program](#) is a great option following a sustainability certificate at Bay College.

## Career Opportunities

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

- **Building Energy Consulting**
- **Environmental Insurance Management**
- **Parts Production Management**
- **Renewable Energy**
- **Agriculture**
- **Solar Installation**
- **Landscape Horticulture**
- **Product Development and Improvement**

## Contact

**Bay College**  
2001 N Lincoln Rd  
Escanaba, MI 49829

**Bay College West Campus**  
2801 N US 2  
Iron Mountain, MI 49801

**Office of Admissions**  
906-217-4010  
admissions@baycollege.edu

**Brian Black**  
*Instructor*  
(906) 217-4051  
blackb@baycollege.edu



[baycollege.edu](http://baycollege.edu)



# Sustainability, Certificate

Award Granted Upon Completion: Certificate in Sustainability  
Credits/Contacts Required: 30/31

Major code: 04/441  
CIP Code: 030299

## Certificate Requirements (Min. 30 Credits)

Course #	Course Name	Cr
ENGL 101	Rhetoric & Composition	3
XXXX xxx	Communication Elective (ENGL 102 or ENGL 145; COMM 103, COMM 104, or COMM 120)	3
MATH 210	Introduction to Statistics	4
BIOL 107	Environmental Science	3
BIOL 108	Environmental Science Lab	1
XXXX xxx	Additional Science Elective (CHEM, PHYS, OR GEOG 110)	4-5*
ECON 132	Microeconomics	3
POLI 262	State & Local Government	3
XXXX xxx	Humanities Electives	6**

## Suggested Sequences Per Semester

### First Semester

Course #	Course Name	Cr/Ct
BIOL 107	Environmental Science	3
BIOL 108	Environmental Science Lab	1
ENGL 101	Rhetoric & Composition	3
MATH 210	Introduction to Statistics	4
XXXX xxx	Humanities Elective	3/3**

**First Semester Total - Credit(s): 14 | Contacts: 15**

### Second Semester

Course #	Course Name	Cr/Ct
ECON 132	Microeconomics	3
POLI 262	State & Local Government	3
XXXX xxx	Communication Elective	3/3
XXXX xxx	Humanities Elective	3/3**
XXXX xxx	Natural Science Elective	4-5/4-7*

**Second Semester Total - Credit(s): 16-17 | Contacts: 16-19**

## Note(s)

\* Choose from any CHEM, PHYS, or GEOG course on the General Education List.

\*\* Choose two (2) Courses.

- To meet MTA, must be chosen from two different categories.

- ANTH 201, HIST 101 or HIST 102, and PHIL 204 are recommended as Humanities courses, but students may select others as their interests vary.