

Sustainability, Certificate

Award Granted: Certificate in Sustainability

Credits/Contacts Required: **30/31**

Major code: 04/441

CIP Code: 030299

Description

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). The Sustainability Certificate is a valuable addition 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.

Certificate Requirements (Min 30 Credits)

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

Suggested Sequences Per Semester

First Semester

- BIOL 107 - Environmental Science **Credits: 3**
- BIOL 108 - Environmental Science Lab **Credits: 1**
- ENGL 101 - Rhetoric & Composition **Credits: 3**
- MATH 210 - Introduction to Statistics **Credits: 4**
- XXXX xxx - Humanities Elective **Credits: 3 ****

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

Second Semester

- ECON 132 - Microeconomics **Credits: 3**
- POLI 262 - State & Local Government **Credits: 3**
- XXXX xxx - Communications Elective **Credits: 3**
- XXXX xxx - Humanities Elective **Credits: 3 ****
- XXXX xxx - Natural Science Elective **Credits: 4-5 ***

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

NOTES:

* 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.