



## CURRICULUM GUIDE 2019-2020

### ENVIRONMENTAL STUDIES

#### Certificate of Achievement in Environmental Studies

The Certificate of Achievement in Environmental Studies is intended to offer students an opportunity to develop and appreciate a deeper and more meaningful understanding of environmental issues, all designed within the context of a diverse, flexible, and interdisciplinary curriculum. Courses deal with topics as diverse as environmental justice; economics; globalization; capitalism; consumption patterns as they pertain to food, energy, resources, and sustainability; social justice; human rights; global health; social movements; and the role of culture and its impact on the landscape. The Certificate of Achievement in Environmental Studies is also aligned with the Associate in Arts in Environmental Studies, allowing students to easily pursue the associate in arts if they choose to do so.

**Requirements for Certificate of Achievement:**

- a) Complete Major Field courses.
- b) Complete at least six units at Ohlone College.
- c) Maintain a 2.0 grade point average in Major Field courses.

**Student Learning Outcomes**

- 1. Recognize the social, economic, and environmental impacts of humans on the earth.
- 2. Apply an understanding of science and ecological principles to modern life so students may critically analyze and understand information affecting the environment.
- 3. Describe the effects of current, past, and future energy and resource use, and compare and contrast possible solutions to environmental problems.
- 4. Evaluate environmental policies, laws, and regulations and their value, implementation, and effects.
- 5. Examine the inherent environmental, social, and economic outcomes of living sustainably on current and future generations.
- 6. Explore a variety of environmental field and laboratory techniques that will emphasize different fields of environmental studies.

**MAJOR FIELD**

ENVS-108	Introduction to the Environment	3
ENVS-142	Environmental Biology	4
GEOG-101	Physical Geography	4
GEOG-106	Economic Geography: Resources and Society	<u>3</u>
		14

Complete one course from the following courses:

ENVS-103	The Environment and Human Health	3
ENVS-105	Energy: The Environment, Humans, and Sustainability	3
ENVS-107	Food, Culture, and the Environment	3
ENVS-109	Sustainable Urban Design and the Environment	3
ENVS-110	Climate Change: Science, The Environment, and Society	<u>3</u>
		3

Total Required Units: 17