



## CURRICULUM GUIDE 2016-2017

### SUSTAINABLE DEVELOPMENT

#### Certificate of Accomplishment in Sustainable Development

##### Requirements for Certificate of Accomplishment:

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

### SUSTAINABLE DEVELOPMENT

Students completing this program will examine strategies to efficiently and cleanly utilize our planet's natural resources to produce energy, food, and urban habitats. This program focuses on living and growing sustainably without degrading the environment so that future generations of all species may thrive.

##### Student Learning Outcomes

1. Define and discuss the idea and practice of sustainability.
2. Define a non-renewable and a renewable energy source and interpret the economic and social implications of energy use across the globe.
3. Explain and evaluate current challenges to sustainability, including modern world social, environmental, and economic structures and crises.
4. Cultivate a sense of civic responsibility, including reflection on the student's own role in developing and nurturing sustainable communities.
5. Apply theoretical frameworks to real world sustainability issues.

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	3
ENVS-142	Environmental Biology OR	4
GEOG-106	Economic Geography: Resources and Society	<u>(3)</u>
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