



## CURRICULUM GUIDE 2017-2018

### NATURAL RESOURCE CONSERVATION AND MANAGEMENT

Certificate of Accomplishment in Natural Resource Conservation and Management

#### 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.

### NATURAL RESOURCE CONSERVATION AND MANAGEMENT

Natural resource management and conservation is congruent with the concept of sustainable development, a scientific principle that forms a basis for sustainable global land management and environmental governance to conserve and preserve natural resources. The Certificate of Accomplishment in Natural Resource Conservation and Management is designed to educate students in the art and science of applied ecological knowledge to aid in managing natural resources, energy, and agriculture.

#### Student Learning Outcomes

1. Define natural resources and the role of climate change on those resources.
2. Discuss and describe scientific and environmental concepts in studying the environment.
3. Describe what a non-renewable resource is and what a renewable resource is and its role in different cultural settings.
4. Compare and contrast scientific and cultural issues in sustainable food systems.
5. Consider the functional economic, political, and social relationships among cities and the hinterlands.

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| 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        |
| GEOG-106 | Economic Geography: Resources and Society             | <u>3</u> |
|          |   | 15       |