



## CURRICULUM GUIDE 2014-2015

### GEOGRAPHY: PHYSICAL

Certificate of Accomplishment in Geography: Physical

#### 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.

#### GEOGRAPHY: PHYSICAL

The Physical Geography Certificate is awarded for studies in earth sciences such as geography, geology, environmental studies, and related courses; emphasis is placed on human modification of the physical environment and ecology. Students explore weather and climate, land forms, soil, water quality, and various environmental topics including natural resources, energy, economics, ethics, etc. This certificate is a good foundation for students interested in earth science fields and environmental studies/science fields.

#### Student Learning Outcomes

1. Demonstrate an understanding of the scientific method, using tools and concepts of physical geography, geology, and environmental studies.
2. Assess the preservation of natural resources and the potential impact of societies overusing natural resources.
3. Compare and contrast non-renewable and renewable energy sources in terms of their viability, efficiency, and usability, and explore a sustainable energy model for the future across broad socio-economic levels and cultures.
4. Define and recognize the major interdisciplinary basis and benefits related to sustainable food systems --locally, nationally, and globally.

ENVS-101	Natural Resource Management	3
ENVS-105	Energy: The Environment, Humans, and Sustainability	3
ENVS-107	Food, Culture, and the Environment	3
GEOG-101	Physical Geography	4
GEOL-101	Introduction to Geology	<u>4</u>
		17