

UNIVERSITY GRADUATE PROGRAMS
SILLIMAN UNIVERSITY
DUMAGUETE CITY

MASTER OF SCIENCE IN ENVIRONMENTAL POLICY

Core Courses (12 units)

- 200 Elements of research
- 201 Ecosystems
- 205 Environmental Laws & Policies I
- 206 Policy & Planning for Sustainable Development

Major Courses (12 units)

- 210 Environmental Impact & Resource Assessment
- 216 Economics of Natural Resources
- 240 Resource Management: Policies & Practices
- 241 Environmental Laws & Policies II
- 242 Environmental Policy & Planning Practicum

Electives (6 units)

- 215 Human Pollution in the Coastal Zone
- 217 Information Technology
- 222 Geography and Mapping
- 223 Land Use
- 224 Aquaculture & the Environment
- 225 Fisheries and Management
- 226 Pollution in the Coastal Zone
- 227 Travel & Tourism Industry & Management

Thesis Writing (6 units)

- 300 Thesis Writing

Course Description

- **216- Economics of Natural Resources**
Natural resource valuation techniques, cost benefit analysis of natural resources, environmental and natural resource accounting.
- **217- Information Technology**
Concepts in environmental education, techniques in the dissemination of environmental information, development of communication skills.
- **222- Geography and Mapping**
Introduction to geography and techniques in mapping of the coastal zone and its resources.
- **223- Land Use**
Use of land both in the upland and coastal environments with emphasis of the landscape approach to the wise utilization of resources.
- **224- Aquaculture and the Environment**
Study of existing aquaculture and mariculture techniques; design, management and economics of the techniques and the impacts of these techniques to the environment (includes water management, land conservation, use of chemicals).
- **225- Fisheries Management**
Analysis of the impacts of fishing practices on the coastal zone; includes the collection, analysis and presentation of fisheries profile, fishery enumeration and test fishing.
- **226- Pollution in the Coastal Zone**
Air, water and soil pollution with emphasis on the roles of the coastal populations.
- **227- Travel and Tourism Industry & Management**
The identification and development of features in the locality that have a tourism potential; requirements for the development of the site (feasibility studies, information collection and dissemination); management techniques involved travel and tourism, identification of potential effects to tourism on the locale.