

**Coastal Ecology and Resource Management
FW426/526**

Credit hours: 5

Term offered: Fall

Instructor: Chris Langdon

Course objectives:

- Describe the ecological systems that influence coastal and marine dynamic processes.
- Evaluate human uses of these systems and the impacts that those uses have on natural resources.
- Recognize and evaluate the validity of different viewpoints with regard to how resource management decisions are made.
- Explain the process by which coastal and marine resource management decisions are made at the local, state, and federal level.
- Apply their knowledge of biology and resource management in the production and presentation of their term projects.

Course content: *Coastal Ecology and Resource Management (CERM)*, an intensive, team-taught class designed to lay the foundation for students' understanding of coastal and marine ecosystems and resources. Topics range from the coastal forests to the open ocean and emphasize the linkages between basic science and management. Lectures, laboratories, field experiences, and seminar discussions in CERM will expose students in a variety of venues to the ecology and issues surrounding use of natural resources on the Oregon coast.

Prerequisite(s): None

Text(s): Various

Term paper(s): Assignments and term project

Testing: No exams

Students for whom the course is intended: For undergraduate and graduate students interested in coastal natural resources and their management.