

SENIOR SEMINAR IN MARINE BIOLOGY
(MARS 4910-1)

Marine Resource Management

www.pelagicos.net/classes_marbio_seminar_fa10.htm

HAWAII PACIFIC UNIVERSITY
OCEANIC INSTITUTE (OI)
FALL SEMESTER, 2010

TIME: 18:00 – 21:00
DAY: Wednesday
ROOM: HLC AC202

INSTRUCTOR

David Hyrenbach, Ph.D.
Office: CTSA 112, OI

Phone: (808) 236-3563
Email: khyrenba@gmail.com

OFFICE HOURS

Mon (HLC 2nd floor lanai) 16:00 - 17.00
Weds (HLC 2nd floor lanai) 17:00 - 18.00
Tues (CTSA 112, OI) 9:00 - 12:00

Other times, by appointment ...

Course Description: This seminar course, designed for seniors in the College of Natural Sciences (CNS), addresses contemporary issues in marine biology, especially as they relate to recent developments in scientific research and resource management. The aim of the course is to promote integration and expansion of knowledge and communication skills in ways that enhance students' abilities to participate in environmental decision making and problem solving.

To this end, students will undertake a critical analysis and review of recent marine biological literature. The students will select relevant readings and the class will critically evaluate, synthesize and integrate this material into a cohesive perspective of the focal topic of the class.

Class activities will include the following:

- formal seminars and informal group discussions,
- a comprehensive review article,
- a research project proposal,
- survey of commercial fish products.

Course Objectives:

- To expose students to a wide variety of literature and topics in marine science
- To give students the opportunity to read the literature and to discuss pressing scientific topics with researchers working in the research field
- To give students an opportunity to give presentations and to get feedback from their professor / classmates
- To provide students an opportunity to assemble and write a proposal in a field of their choice

Prerequisites: Senor standing at HPU **or** consent of the instructor

Requirements: Students are required to:

- Select 1 or 2 papers to present to the class (15-20 mins) and lead a group discussion (30 mins)
- Write a review paper on a topic of their choice – after checking with me (12-15 pages)
- Write a research proposal on a topic of their choice – after checking with me (8-10 pages)
- Present a seminar of their research proposal (20 mins)
- Present a seminar of their literature review (40 mins)
- Perform a survey of fish products in restaurants / grocery stores

Grading: Grades are based on the following criteria, agreed-upon by consensus:

Paper presentation – 15 %
Review paper – 20 %
Research proposal – 20 %
Proposal presentation – 10%
Seminar of their review – 15%
Class participation – 10%
Fisheries review – 10%

Assignments will be submitted electronically (via email) and / or as paper copies (handed in class or delivered to OI via IC mail) – as specified by the instructor. Late work will be penalized by 10 % per day. All assignments must be turned in to complete the course.

<u>Letter grades:</u>	90 - 100%	A
	80 - 89%	B
	70 - 79%	C
	60 - 69%	D
	< 60%	F

Academic Honesty:

Directly quoting others, even with proper attribution of the source, is almost never done in scientific writing, so **there are no circumstances in which including someone else's writing in your papers will be acceptable in this course.**

Particularly, it is academically dishonest to **plagiarize**, which is defined as *trying to pass off someone else's intellectual work as your own*. Any single occurrence of academic dishonesty in any form whatsoever may result in a grade of FD for the course. The grade of FD represents an F for academic dishonesty and it will remain a permanent part of your academic record, not subject to HPU's normal retake policy. Students are expected to comply with HPU's academic honesty policies. All major writing assignments will be analyzed at Turnitin.com. For homework problems and any other take-home assignment, students may work with each other but must turn in their own answers to assigned problems. For additional information on plagiarism see the links in Campus Pipeline under the Libraries folder. Another excellent site explaining plagiarism (and how to avoid committing it) can be found at the Purdue University's Online Writing Laboratory web-site at the following URL:

http://owl.english.purdue.edu/handouts/research/r_plagiar.html