

COURSE OUTLINE

Revision: Daniel Stearn, February 2008

DEPARTMENT:	Academic Programs
CURRICULUM:	The Natural World
COURSE TITLE:	Marine Biology
COURSE NUMBER:	BIOL 120
TYPE OF COURSE:	Academic Transfer
Special Requirement Met:	Mathematics/Quantitative Reasoning
AREA(S) OF KNOWLEDGE:	The Living World
COURSE LENGTH:	1 quarter
CREDIT HOURS:	5
LECTURE HOURS:	33
LAB HOURS:	44
CLASS SIZE:	30
PREREQUISITES:	High School Biology, one quarter of college biology or instructor's permission

COURSE DESCRIPTION:

This course is designed as a survey of marine organisms and an introduction to the principles of marine ecology. It details the integral relationship between the structure of oceanic species and communities and the environment in which they have developed. There will be a special emphasis on the marine life of the Pacific Northwest, and all students will be required to participate in some fieldwork.

BIOL 120 Marine Biology
February 2008

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Communication - Read and listen actively to learn and communicate.
2. Computation - Apply quantitative skills for personal, academic and career purposes.
3. Critical Thinking and Problem Solving - Think critically in evaluating information, solving problems and making decisions.
4. Technology - Select and use appropriate technological tools for personal, academic and career tasks.
5. Personal Responsibility - Be motivated and able to continue learning and adapt to change. Be aware of civic and environmental issues.
6. Information Literacy - Access and evaluate information from a variety of sources and contexts, including technology.

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Understand the very basic principles of marine biology.
2. Be familiarized with local marine ecosystems.
3. Be familiarized with global marine ecosystems.
4. Understand how humans interact with and influence marine ecosystems.

TOPICAL OUTLINE:

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| I. | Introduction to the marine environment | |
| II. | Introduction to marine organisms | |
| III. | Introduction to marine ecosystems | |
| IV. | Interactions of humans and ocean | |
| | Total hours | 77 |

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