

Course Syllabus

COASTAL-MARINE ZONES MANAGEMENT

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Program: Oceanographic Engineering

1. Course number and name

OCEG1038 - COASTAL-MARINE ZONES MANAGEMENT

2. Credits and contact hours

2 credits and 2 contact hours

3. Instructor's course or coordinator's name

JONATHAN MARCELO CEDEÑO OVIEDO

4. Text book, title, author, and year

- Ehler, Charles y Fanny Douvere. Planificación espacial marina: una guía paso a paso hacia la Gestión Ecosistémica ()
 - a. Other supplemental materials
- COI-UNESCO / CPPS. Experiencias locales en el manejo costero integrado (2016)

5. Specific course information

- a. Brief description of the content of the course (catalog description)

In this subject of professional training, students recognize different management strategies used to manage marine coastal areas. These are framed in the world agendas, fundamentals of the integrated coastal management process and management tools, in order to face coastal area problems in a coherent and relevant way. With these tools, the student will be able to carry out a management process adapted to the reality of the coastal marine space to be managed.

- b. Prerequisites

COASTAL MANAGEMENT TECHNIQUES - OCEG1044

- c. This course is: Required

6. Specific goals for the course

- a. Specific outcomes of instruction

- 1.- Analyze participatory planning as a powerful tool for the self-definition of strategies that promote sustainable use of coastal resources.
- 2.- Design participatory workshops, using integrated management tools for proper collection of community input as fundamental elements in the design of a management plan.
- 3.- Develop an orderly document with various elements of the management plan, to guide the community in achieving objectives set during community workshops.

- b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course

- An ability to communicate effectively with a range of audiences in Spanish.

7. Brief list of topics to be covered

- 1.- Evaluation activities
- 2.- Fundamentals of coastal management.

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- 3.- Tools for the management of marine and coastal areas.
- 4.- Evaluation of management programs.