

APPROVAL FORM

(2)

Proposal Title: Management of Marine Resources

Sponsor(s): Dr. C. Joseph Wearing - for the Dept.: Physical Sciences

New Jersey Marine Sciences Consortium

Check one:  Course  Specialization  Concentration  Achievement Certificate

workshop/seminar

Minor Change  Major Program

(please name: deletion or credit/title/catalog change)

Certification Program

Undergraduate /  Graduate /  Credit Hours

Step 1 (Department)

Approved 1/20/84  
date

Not Approved

Z. Delaney  
Dept. CC Chairperson

Reviewed 1-27-84  
date

[Signature]  
Chairperson, Dept.

Step 2 (Receipt)

SCC# 83-84-49

Proposal Received 2/1/84  
date

*The Marine Consortium proposals do not have to follow the GSC outline*

Shirley A. O'Day  
Chairperson, SCC

Step 3 (Division CC)

Reviewed Feb 16 '84  
date

Approved

Not Approved

Comments: date Dr. Delaney notes.

[Signature]  
Chairperson, Div. Curr. Comm.

Step 4 (Academic Dean)

Comments:

Reviewed 2/17/84  
date

[Signature]  
Signature, Dean of Division

Step 5 (SCC)

Open Hearing Date: 4/6/84  Approved by Senate Curriculum Committee 4/6/84 (date)

Returned to sponsor(s) for the following reasons:

Step 6 (Faculty Senate)

Presented to Faculty Senate (date): 4/13/84

Approved  
 Not Approved

Notification to Vice-President Academic Affairs (date): 4/14/84

Shirley A. O'Day  
Signature: SCC Chairperson

Step 7 (Vice-President for Academic Affairs)

Course received 7/25/04 (date)

Course approved Yes    No   

If no, reasons are as follows:

Student credit hours   1  

Faculty load hours   1  

Equalized credit hours   1  

Official copy and approval sheet filed 7/11/04 (date)

Signature [Signature]  
(Vice-President for Academic Affairs)

Registrar

Approved course description received \_\_\_\_\_ (date)

Hegis Taxonomy and Course Number assigned \_\_\_\_\_

Signature \_\_\_\_\_  
(Registrar) (Date)

Notification forwarded: Senate Curriculum Committee Chairperson, Department Chairperson(s), Academic Dean(s), Registrar, Sponsor(s)

NEW JERSEY MARINE SCIENCES CONSORTIUM  
WORKSHOP/SEMINAR  
COURSE OUTLINE

ACC/BSC Level

MANAGEMENT OF MARINE RESOURCES

1 Credit

I. Brief Description of the Course

An overview of the economic, political, legal and social problems related to management of the diversity of legitimate uses of marine resources, including fisheries, mineral and energy resources and waste disposal.

Prerequisite: An interest in the marine environment.

II. General Aim of the Course

To provide participants with an appreciation for the multiple and often conflicting uses of marine resources. To provide an understanding of federal and state attempts to manage these resources in light of economic, political and social attitudes.

III. Specific Objectives of the Course

- A. To acquaint participants with the marine resources, both living and non-living, of importance.
- B. To evaluate the need for management of these marine resources.
- C. To examine the scope and limitations of marine resource management, particularly in the New York Bight.

IV. Content and Scope of the Course

- A. Fisheries: Snellfish and Finfish
  1. Resources
  2. Management structure-federal/state relationship
  3. Joint Ventures
- B. Mineral Resources:
  1. Land mining
  2. Deep Sea bed mining.
- C. Energy Resources - Outer Continental Shelf (OCS) activities
- D. Waste Disposal - Ocean Dumping in the New York Bight.
- E. State and Federal Jurisdictions -
  1. The Territorial Sea
  2. The 200-Mile Exclusive Economic Zone
  3. Agencies and their activities

V. Procedures, Techniques and Methods

Lectures and class discussions; suggested readings; field trips.

VI. Instructional Materials

Maps, slides, selected article reprints, hands on demonstrations.

VII. Basic Requirements for Completion of Course

Attendance; participation in discussions; summary report.

VIII. Text

None, selected readings to be distributed.

IX. Bibliography

McHugh, J. and J. Ginter. 1978. Fisheries. NEEA New York Bight Atlas Monograph 16. State University of New York. Albany, N.Y.

Ross, D. 1977. Introduction to Oceanography. Prentice-Hall Inc. Englewood Cliffs, N.J.

Squires, E. 1982. The Ocean Dumping Quandary: Waste Disposal in the New York Bight. State University of New York Press. Albany, N.Y.

U.S. Dept. of Commerce. 1978. U.S. Ocean Policy in the 1970's: Status and Issues. Washington, D.C.

U.S. Dept. of Interior. 1981. Final Environmental Impact Statement: Proposed Five-Year OCS Oil and Gas Lease Sale Schedule ; and Final Supplement to Final EIS Vol. I and II. Bureau of Land Management. Wash., D.C.