

1980

Master's Degree Program in Marine Biology, Coastal Zone Management

Nova University

Follow this and additional works at: https://nsuworks.nova.edu/cnso_coursecatalogs

 Part of the [Oceanography and Atmospheric Sciences and Meteorology Commons](#)

NSUWorks Citation

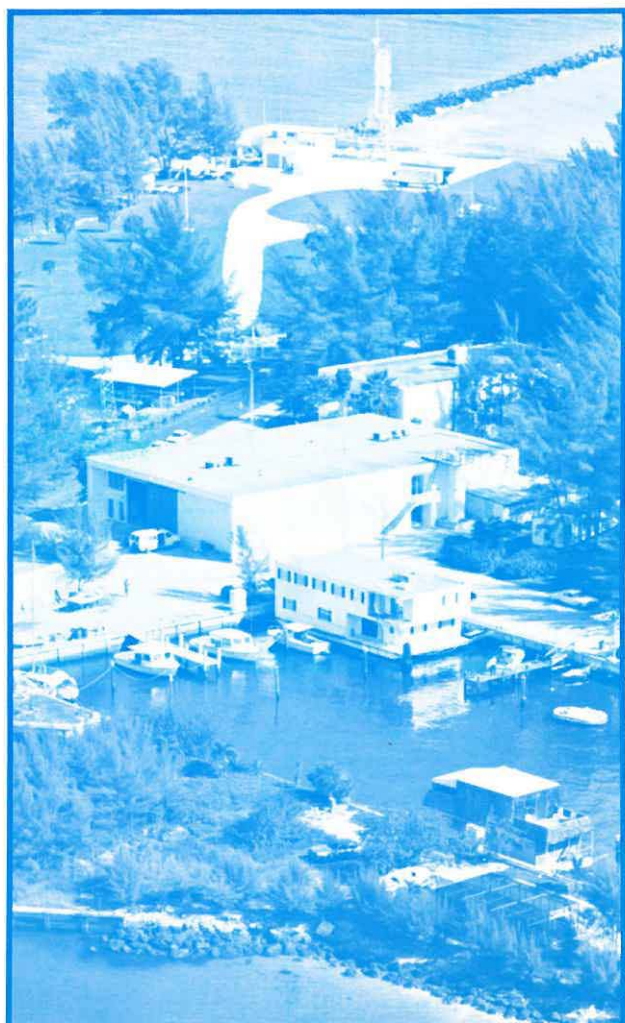
Nova University, "Master's Degree Program in Marine Biology, Coastal Zone Management" (1980). *Halmos College of Natural Sciences and Oceanography Course Catalogs*. 28.

https://nsuworks.nova.edu/cnso_coursecatalogs/28

This Pamphlet is brought to you for free and open access by the NSU Course Catalogs and Course Descriptions at NSUWorks. It has been accepted for inclusion in Halmos College of Natural Sciences and Oceanography Course Catalogs by an authorized administrator of NSUWorks. For more information, please contact nsuworks@nova.edu.

Master's Degree (M.S.) Program in

Marine Biology Coastal Zone Management



Marine Biology Coastal Zone Management

DESIGNED FOR:

- Bioscientists and Geoscientists
- Marine and Coastal Scientists and Technicians
- Environmental Managers
- Planners
- Secondary Education Teachers

PROGRAM BASICS:

- Evening 3-Credit Courses
- 12-week Terms
- 4 Terms/Year
- 2 Courses/Speciality/Term
- Thesis, Non-Thesis Options

“SPECIAL STUDENT” STATUS AVAILABLE:

- Courses can be taken for credit or audit, without admission to degree program.
- Credits fully applicable upon acceptance to degree program or for transfer elsewhere.

DEGREE REQUIREMENTS:

- Thesis Option: 36 credits
(27-30 course credits, 6-9 thesis credits).
- Non-Thesis Option: 39 credits
(36 course credits, 3-credit paper).
- A full-time student taking 2 three-credit courses/Term can finish course work in 18 months. Thesis research can begin concurrently with later stage coursework.

COURSES OFFERED: (3 credits each)

4 "Core" Courses required in each specialty:

- Marine Ecosystems
- Marine Geology
- Marine Physics
- Marine Chemistry

Marine Biology Specialty Courses include:

- Marine Invertebrates
- Marine Vertebrates
- Marine Bacteriology
- Marine Phytoplankton
- Biological Oceanographic Instrumentation
- Marine Botany

Coastal Zone Management Specialty Courses include:

- Law and the Coastal Zone
- Coastal Protection and Engineering
- Principles of Coastal Zone Management
- Florida Environmental Regulation
- Marine Archaeology
- Ports and Harbors
- Dry Coastal Ecosystems

Joint Specialty Courses

- Endangered Marine Species
- Aspects of Coastal Pollution
- Fisheries Management and Biology

- M.S. Thesis Research
- M.S. Non-Thesis Option Paper

Laboratories and/or Day Field Trips are included in some courses.

COSTS:

- Tuition: \$170.00/credit hour
- One-time application fee: \$30.00
- Registration fee: \$20.00

STUDENT HOUSING AVAILABLE:

- At Nova's Main Campus (Ft. Lauderdale, FL)
- In local area

FINANCIAL AID AVAILABLE:

- Student Loans
- Work Study
- Limited Scholarships

APPLICATION/ADMISSION PROCEDURES:

Requirements:

- Baccalaureate degree (B.A./B.S.) from a regionally accredited institution.
- Academic record indicating ability to pursue advanced study and research.
- Applicants in marine biology should have majored in one of the natural sciences or science education.
- Applicants in coastal zone management should have background in one of the natural sciences or science education.



Master of Science group program consists of traditional

APPLICATION MATERIALS:

- Application form and application fee
- Three letters of recommendation
- Academic Records (official transcripts from all postsecondary institutions attended)
- Graduate Record Examination scores (if available)
- For Foreign Students: TOEFL or equivalent test results; Financial Statement (for I-20)

Send All Application Materials Directly to:

Dr. Richard Dodge/Dr. Curtis Burney
Institute of Marine and Coastal Studies
Master's Program
Nova University Oceanographic Center
8000 N. Ocean Dr.
Dania, FL 33004

If further information is desired please write to above address or call (305) 920-1909



classroom and field trip experiences.

ADJUNCT AND AFFILIATE TEACHING FACULTY

- Brion Blackwelder**, J.D.; Attorney at Law, Titone, O'Rorke, Blackwelder, Ft. Lauderdale: Law & The Coastal Zone
- Dr. Steven Baig**, NOAA-National Hurricane Center, Miami: Physics
- Dr. James Bohnsack**, NOAA-National Marine Fisheries Service, Miami: Fisheries Biology
- Dr. Alan Craig**, Professor of Geography, Florida Atlantic University, Boca Raton: Geomorphology/CZM
- Dr. Wilbur W. Curless**, West Area Environmental Education Center, Belle Glade, FL: Vertebrate Biology
- Dr. David DeMay**, Dept. of Biology, St. Thomas University, Miami: Marine Botany
- Dr. Robert Gore**, Coastal Zone Management Specialist, Collier Co.: Invertebrate Biology
- Lyle Kochinsky**, M.S., Nova Oceanographic Center: Marine Endangered Species
- Stacey Meyers**, M.S., Florida Water Management, Lake Worth: Environmental Regulation
- Donald McCorquodale**, M.S., Spectrum Analytical Labs, Miami: Marine Pollution
- Steven Sommerville**, M.A., Broward County Environmental Quality Control Board, Ft. Lauderdale: Erosion
- Allan Sosnow**, M.S., Environmental Coordinator, Port Everglades Authority, Ft. Lauderdale: Ports & Harbors
- Peter Throckmorton**, Cpt., Marine Archaeologist, North Caribbean Research, Inc., Dominican Republic: Marine Archaeology
- Dr. William Venezia**, U.S. Naval Surface Weapons Center, Hollywood: Coastal Protection & Engineering
- Dr. Albert Will**, Broward County Community College, Ft. Lauderdale: Dry Coastal Ecosystems

**ACADEMIC FACULTY: INSTITUTE OF MARINE
& COASTAL STUDIES NOVA OCEANOGRAPHIC
CENTER**

Dr. Nathaniel Apter Resident Adjunct Professor	Biology
Dr. Patricia Blackwelder Associate Professor	Geology/Biology
Dr. Curtis Burney Associate Professor (M.S. Program Associate Director)	Chemistry/Biology
Dr. Richard Dodge Associate Professor (Associate Center Director, M.S. Program Director)	Geology/Biology
Dr. Gary Hitchcock Associate Professor	Biological Oceanography
Dr. Gary Kleppel Associate Professor	Biological Oceanography
Dr. Pijush Kundu Associate Professor	Physical Oceanography
Dr. Julian P. McCreary, Jr. Associate Professor (Center Director)	Physical Oceanography
Dr. Russel Snyder Professor	Physical Oceanography

Nova University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, educational specialist, and doctoral degrees. Nova University admits students of any race, color, and national or ethnic origin.



INSTITUTE OF MARINE AND COASTAL STUDIES

Oceanographic Center
8000 N. Ocean Drive
Dania, FL 33004

NON-PROFIT ORGANIZATION

**U.S. POSTAGE
PAID**

PERMIT NO. 886

FT. LAUDERDALE, FLORIDA