Master's Degree Programs in Marine Biology and Coastal Zone Management 1993

Nova University
Master's Degree (M.S.)

PROGRAMS
IN MARINE BIOLOGY
AND COASTAL ZONE
MANAGEMENT
COASTAL ZONE MANAGEMENT AND MARINE BIOLOGY

DESIGNED FOR:
- Bioscientists and geoscientists
- Marine and coastal scientists, technicians
- Environmental managers
- Planners
- Secondary education teachers.

PROGRAM BASICS:
- Evening 3-credit courses
- 12-week terms
- Four terms/year
- Two courses/specialty/term

“SPECIAL STUDENT” STATUS AVAILABLE
- Courses can be taken for credit or audit, without admission to degree program.
- Upon student’s acceptance, credits are fully applicable to degree program or for transfer elsewhere.

DEGREE REQUIREMENTS:
- Thesis option: 36 credits
  (27-30 course credits, minimum of 6 thesis credits)
- Nonthesis option: 39 credits
  (36 course credits, 3-credit paper)
- Joint CZM-Marine Biology option
  (48-51 minimum credits, thesis and nonthesis options)
- A full-time student taking two 3-credit courses/term can finish course work in 18 months. Thesis research or the nonthesis option paper can begin concurrently with later stage course work.
COURSES OFFERED (3 CREDITS EACH):

Four “core” courses required in each specialty:

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

Marine Biology specialty courses include:

- Marine Ichthyology
- Methods in Plankton Ecology
- Marine Invertebrates
- Marine Microbiology
- Marine Phytoplankton
- Marine Zooplankton
- Dynamic Biological Oceanography
- Marine Botany
- Functional Morphology and Physiology of Fish

Coastal Zone Management specialty courses include:

- Dry Coastal Ecosystems
- Principles of Coastal Zone Management
- Law and the Coastal Zone
- Coastal Protection and Engineering
- Florida Environmental Regulation
- Marine Archaeology
- Coastal Water Resource Impacts
- Wetlands Ecology
- Policy in Coastal Zone Systems

Joint specialty courses include:

- Aquaculture
- Aspects of Coastal Pollution
- M.S. Thesis Research
- M.S. Nonthesis Option Paper

Laboratories and/or day field trips are included in some courses.

1993/1994

COSTS:

- Tuition: $300/credit hour
- One-time application fee: $30
- Registration fee: $25/term.
STUDENT HOUSING AVAILABLE:
• At Nova’s main campus
  (Fort Lauderdale, Florida)
• In local area

FINANCIAL AID AVAILABLE:
• Student loans
• Limited work-study
• Limited scholarships
• Limited Teaching Assistantships

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 some background in one of the natural sciences or science education.

Master of science group program cons
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)
• Statement of career goals
• For foreign students: TOEFL of 550 or equivalent test results; financial statement (for I-20)

SEND ALL APPLICATION MATERIALS DIRECTLY TO:
Dr. Richard Dodge/Dr. Curtis Burney/Ms. Bonnie Pastor
Institute of Marine and Coastal Studies
Master's Program
Nova University
Oceanographic Center
8000 North Ocean Drive
Dania, Florida 33004

If further information is desired, please write to the above address or call (305) 920-1909. For FAX transmission, the number is (305) 947-8559.
ADJUNCT AND AFFILIATE TEACHING FACULTY

Dr. Bart J. Baca, Program Director, Coastal Science Associates, Jacksonville Beach; Senior Research Scientist, Nova University

Dr. James Bohnsack, NOAA-National Marine Fisheries Service, Miami

Dr. M. Elizabeth Clarke, Fish Hatchery Director, University of Miami, Miami

Mary Beth Corrigan, Tetra Tech, Fairfax, Virginia

Dr. Alan Craig, Professor of Geography, Florida Atlantic University, Boca Raton

David DeMay, Department of Biology, St. Thomas University, Miami

Dr. Steven C. Hess, Environmental Resource Management-South, Inc., Miami

Stephen J. King, Esq., Practicing Attorney, Fort Lauderdale

Dr. Stephen S. Light, Policy Director, South Florida Water Management District, West Palm Beach

Stacy Myers, M.S., South Florida Water Management District, Lake Worth

Dr. Donald McCorquodale, Spectrum Analytical Labs, Miami

Steven Sommerville, M.P.A., Broward County Environmental Quality Control Board, Erosion Prevention District, Fort Lauderdale

Dr. William Venezia, U.S. Naval Surface Warfare Center, Hollywood/Fort Lauderdale

Dr. Keith Ronald, Dean, College of Biological Science, University of Guelph, Canada

Laura Geselbracht, M.S., Environmental Planner, Fort Lauderdale
November 15, 1985

Nova University

Dear Student,

I am pleased to inform you that you have been accepted as a student at Nova University. Your application was reviewed carefully and your qualifications have been found to meet the admission standards of the University. You are invited to join our vibrant academic community and contribute to the diverse and dynamic learning environment.

In particular, your academic background and achievements have demonstrated your potential for success in our rigorous curriculum. Our faculty members are dedicated to providing exceptional educational opportunities and are committed to helping you reach your full academic potential.

As a member of Nova University, you will have access to a wide range of resources and support services to help you achieve your academic goals. These include academic advising, career services, counseling, and a variety of extracurricular activities.

I encourage you to explore the many opportunities available at Nova University and to take advantage of the resources we have to offer. I am confident that you will find your time here both fulfilling and transformative.

Sincerely,

[Signature]
[Name]
[Title]

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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, sex, age, nondisqualifying handicap, religion or creed, or national or ethnic origin.