Environmental Management

**Faculty Director**  
Larry Swanson, Marine Sciences Center, 147 Discovery Hall (631) 632-8704 Larry.Swanson@stonybrook.edu

**Degree Awarded**  
MPS in Environmental Management

**Certificate Awarded**  
Advanced Graduate Certificate in Environmental Management

**Website**  
https://www.stonybrook.edu/commcms/spd/graduate/environmental.php

**Application**  
https://graduateschool.stonybrook.edu/apply/

Environmental Management

The MPS and AGC programs in Environmental Management are designed to prepare professionals to confront the complex problems and issues related to environmental management. The curriculum provides the educational background necessary to make informed decisions on often controversial matters. The program is offered in collaboration with Stony Brook's world-renowned School of Marine and Atmospheric Sciences. It primarily serves adults who seek professional development on a part-time basis. Courses are offered in the evening and several are available online.

The programs offer:

- access to the most current expertise in environmental management
- foundations for effective career or public service initiatives
- sustainable solutions that promote the environmental and economic welfare of the region

**Master of Professional Studies**

The 30-credit Master of Professional Studies (MPS) explores the application of research and experience to complex social, political and environmental issues. The core curriculum focuses on the theoretical structure and methodology of social science disciplines and their application to the professions, while the concentration courses focus on the scientific, managerial and legal that pertain to the field. The degree culminates in a capstone project.

**Advanced Graduate Certificate**

The 18-credit advanced graduate certificate program focuses solely on the environmental management subject areas, without the capstone course or the courses in social science theory and methodology.

Gainful Employment Regulation Disclosures

Environmental Management Program Admissions

**Master of Professional Studies in Environmental Management**

The Master of Professional Studies program is no longer admitting new students. Prospective students may be interested in the master's programs offered from the School of Marine and Atmospheric Sciences.

**Advanced Graduate Certificate Program in Environmental Management**

A. Personal statement.

B. bachelor’s degree, with a cumulative 3.0 grade point average.

C. In those cases where the departmental admissions committee deems it desirable, personal interviews with departmental representatives may be necessary.

MPS in Environmental Management Requirements

The Master of Professional Studies in Environmental Management program consists of 10 three-credit courses as outlined below. The capstone course, CED 595, may be taken after the completion of 24 hours of course work in the program.

**CORE CURRICULUM - 9 credits**

- 3 credits from Area A
• 3 credits from Area B
• 3 credits from EITHER Area A OR Area B

AREA A COURSES
CEI 505 Research Methods in the Social Sciences
CEX 520 Ethics in Management

AREA B COURSES
CEI 596 Seminar on Leadership in Organizations
CEN 580 Assessment of Socio-Technological Problems and Issues

*There are no transfer credits or substitutions allowed for 9-credit core curriculum.*

MPS CONCENTRATION - 18 credits

REQUIRED COURSES - 6 credits
• CEY 501/MAR 514 Environmental Management
• CEY 503/MAR 536 Environmental Law and Regulations

AREA COURSES - 12 credits (at least 3 credits must be selected from Area C)

Area C Courses — A minimum of 3 credits must come from Area C
• CEB 505 History of Long Island Environment (Spring only)
• CEY 507/MAR 521 Long Island's Groundwater (Spring only)*
• CEY 512/MAR 512 Marine Pollution (Fall only)
• CEY 557/MAR 557 Introduction to Risk Assessment and Management (Fall only)

Area D Courses
• CEY 508 Living with Radiation (Fall only)*
• CEY 509/MAR 525 Environment and Public Health (Spring only)
• CEY 525 Ocean Stewardship: Global Science, Local Issues (Spring only)*
• CEY 594/EST 594 Diagnosis of Environmental Disputes (Fall only)

Other Courses — These courses are occasionally scheduled
• CEY 597/EST 597 Waste Management: Systems and Principles (Area D)
• EST 542 Waste and Wastewater Engineering Practices (Area D)
• EST 595 Principles of Environmental Systems Analysis (Area C)

*Courses with an asterisk are only offered online.

MPS PROJECT SEMINAR - 3 credits
• CED 595 Project Seminar

Advanced Graduate Certificate in Environmental Management Requirements

The certificate program comprises 18 credits as described below.

REQUIRED COURSES - 6 credits
• CEY 501/MAR 514 Environmental Management
• CEY 503/MAR 536 Environmental Law and Regulations

AREA COURSES - 12 credits (at least 3 credits must be selected from Area C)

Area C Courses — A minimum of 3 credits must come from Area C
• CEB 505 History of Long Island Environment (Spring only)
• CEY 507/MAR 521 Long Island's Groundwater (Spring only)*
• CEY 512/MAR 512 Marine Pollution (Fall only)
• CEY 557/MAR 557 Introduction to Risk Assessment and Management (Fall only)

Area D Courses

Stony Brook University Graduate Bulletin: www.stonybrook.edu/gradbulletin
• CEY 508 Living with Radiation (*Fall only*)
• CEY 509/MAR 525 Environment and Public Health (*Spring only*)
• CEY 525 Ocean Stewardship: Global Science, Local Issues (*Spring only*)
• CEY 594/EST 594 Diagnosis of Environmental Disputes (*Fall only*)

**Other Courses** — These courses are occasionally scheduled

• CEY 597/EST 597 Waste Management: Systems and Principles (Area D)
• EST 542 Waste and Wastewater Engineering Practices (Area D)
• EST 595 Principles of Environmental Systems Analysis (Area C)

*Courses with an asterisk are only offered online.

**Time to Completion**

All certificate requirements must be completed within three (3) years from the semester date of admission as a matriculated student unless the student is also matriculated in a master's degree program. Master's students have five (5) years to complete the certificate requirements.

**Faculty**

The program's faculty is composed of full-time faculty from the School of Marine and Atmospheric Sciences as well as practitioners and researchers who are leaders in the field.

*NOTE: The course descriptions for this program can be found in the corresponding program PDF or at COURSE SEARCH.*