



Application Procedure

Application instructions and online forms can be found at:

<https://sta.uwi.edu/admissions/postgrad/>

Career Opportunities

The MSc and PGDip open professional career opportunities in both the public and private sectors dealing with Coastal Engineering and Management
There are also significant opportunities worldwide



For Further Information Please Contact

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THE UNIVERSITY OF THE WEST INDIES
ST. AUGUSTINE, TRINIDAD & TOBAGO
FACULTY OF ENGINEERING
THE DEPARTMENT OF CIVIL
AND ENVIRONMENTAL ENGINEERING

MSc and Postgraduate Diploma in Coastal Engineering & Management



AIMS OF THE PROGRAMME

1. To provide the graduate with the necessary knowledge of coastal processes and coastal engineering techniques required for the assessment of coastal defence systems, with particular emphasis on Caribbean conditions
2. To develop the graduate's ability to design new coastal engineering schemes.
3. To produce a graduate capable of developing coastal zone management plans and to be able to assess environmental impacts of coastal development projects.
4. To produce a graduate capable of implementing and managing new research initiatives.

COURSE DELIVERY

The course is designed to be delivered as a distance learning course through the myelearning platform, to facilitate participants within and outside the Caribbean region

REGULATIONS AND ENTRY REQUIREMENTS FOR MSc and PGDip

I. A honours degree (lower 2nd minimum) from an approved University in the Natural Sciences, Planning, Civil Engineering, Environmental Engineering, Surveying, Land Information, and at least one (1) year's professional experience or

II. An accredited BTech or HND/Associate Degree in Civil Engineering plus five (5) years related postgraduate experience.

NUMBER OF CREDITS REQUIRED

The MSc in Costal Engineering and Management requires 40 credits

Students opting for the PG Diploma have to complete all of the courses except : COEM 6020 and CZEM 6180 (see course outline)

COURSE OUTLINE

Module	Assessment Plan	Notes	CREDITS
Semester 1			
CZEM6100 Coastal Processes and Hazards	60% Exam 40% Coursework		4
CZEM 6130 Principles of Coastal Defence, Management and Environmental Assessment	60% Exam 40% Coursework	Intensive group project	4
CZEM6101 Coastal Geomorphology	60% Exam 40% Coursework	Virtual field trip	4
COEM 6016 Natural Hazards Management	60% Exam 40% Coursework		4
Semester 2			
CZEM6102 Coastal Zone Metrics	100% Coursework	Virtual field trip Problem based learning.	4
CZEM6106 Design of Coastal Structures	100% Coursework	Problem based learning. Oral presentation to group	4
CZEM6112 Coastal Zone Modelling	100% Coursework	Includes using Numerical Models	4
COEM 6020 Research methods	100% Coursework	Oral presentation to group	3
Semester 3			
CZEM 6180 Research Project	100% Coursework		9

Note: Full time mode 1 year Part time mode 2 years

