



## Application Procedure

Application instructions and online forms can be found at:

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

Kindly see information on two possible scholarship opportunities for students wishing to pursue the MSc Coastal Engineering & Management Programme here at UWI St. Augustine:

1. Queen Elizabeth Commonwealth Scholarships- for a two-year master's degree at an ACU member university in a low or middle-income country.

<https://www.acu.ac.uk/funding-opportunities/for-students/scholarships/queen-elizabeth-commonwealth-scholarships/>

2. CCRIF SPC Postgraduate Scholarship- for students pursuing a Masters or an MBA programme in a number of pre-identified areas related to disaster risk; the MSc Coastal Engineering Programme is an approved Programme.

[https://www.ccrif.org/scholarship?language\\_content\\_entity=en](https://www.ccrif.org/scholarship?language_content_entity=en)

## 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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<https://sta.uwi.edu/eng/coastal/>



**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 blended learning course through the mylearning platform, to facilitate participants within and outside the Caribbean region. To provide the students with some face to face contact, both with staff and fellow students. The courses include intensive sessions for group activities, virtual field trips, an in-person field trip and group design exercises

## 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 Coastal 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
<b>Semester 1</b>			
CZEM6100 Coastal Processes and Hazards	100% Coursework		4
CZEM 6130 Principles of Coastal Defence, Management and Environmental Assessment	100% Coursework	Intensive group project	4
CZEM6101 Coastal Geomorphology	100% Coursework	Virtual field trips Field studies in hometown	4
COEM 6016 Natural Hazards Management	100% Coursework		4
<b>Semester 2</b>			
CZEM6102 Coastal Zone Metrics	100% Coursework		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
<b>Semester 3</b>			
CZEM 6180 Research Project	100% Coursework		9

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

Total Cost for programme TT\$51,750



Joint Board of Moderators  
This is to certify that  
University of the West Indies, St.  
Augustine

has been accredited for the degree programme listed below  
for the student intake period (2022 - 2026) by  
IStructE, IHE, CIHT, ICE and PWI  
**MSc Coastal Engineering and Management**