

## ADMISSION REQUIREMENTS

- ❖ A Bachelor's degree from a recognized University/ Institution in a relevant subject area (Biological Science, Physical Science, Environment Science, Economics, Agriculture, Geology, Geography, Oceanography, Tourism, Law, Technol-
- ❖ Any other Bachelor's Degree or equivalent qualification (NVQ 7) which is acceptable to the Academic Council of the Ocean University of Sri Lanka
- ❖ Undergraduates awaiting final year results are also encouraged to apply
- ❖ Candidates in relevant professions or working experience are given priority

## HOW TO APPLY

- ❖ Eligible candidates can apply online or application form can be downloaded from the Ocean University website (<http://www.ocu.ac.lk>) and send on or before 20th April 2023
- ❖ An application fee of Rs 2000 should be deposited to the credit of Vice Chancellor, Ocean University of Sri Lanka, Account No 214100163629909 at Peoples Bank, Mutwal Branch

The completed application form along with the copies of NIC, relevant educational and professional qualifications, work experience (if any) and payment slip to be sent by registered post to the Director, Center for Postgraduate Studies, Ocean University of Sri Lanka, No 15, Pannananda Mawatha, Colombo 15

## FEES

### Course Fees

- ❖ MSc Rs. 300,000
- ❖ Masters Rs. 200,000
- ❖ PG Diploma Rs. 150,000

Registration Fee Rs. 5000

Refundable Library Deposit Rs. 3000

Application Fee Rs. 2000

## FOR CONTACTS



Director,  
Center for Postgraduate Studies (CPGS),  
Ocean University of Sri Lanka,  
No 51, Pannananda Mawatha,  
Colombo 15



0117112130, 0114346982



0772338173, 0777502197



[cpgs@ocu.ac.lk](mailto:cpgs@ocu.ac.lk),



<http://www.ocu.ac.lk>

Lectures on Weekends  
Online/Onsite/Field studies

## THE OCEAN UNIVERSITY OF SRI LANKA



MSc in Coastal Resources Economics and  
Management (SLQF Level 10)

Master of Coastal Resources Economics and  
Management (SLQF Level 9)

Postgraduate Diploma in Coastal Resources  
Economics and Management (SLQF Level 8)



## ➔ INTRODUCTION

Coastal and marine ecosystems play a substantial role in economies and provide a range of ecosystem goods and services. However, the sustainability of those ecosystems is constrained due to demands of the growing population, over-exploitation of resources, urbanization, pollution, and human-made disasters. Frequent natural disasters further exacerbate this situation.

Sri Lanka is strategically situated near the East-West shipping route where more than 60,000 ships ply annually carrying two-thirds of the world's oil. Several large-scale marine disasters that occurred in Sri Lankan waters in the recent past, caused irreversible damage to the environment, affecting the livelihoods of the coastal community and the country's economy. However, the process of damage assessments from these incidents proved challenging and contentious, mainly due to lack of expertise in the subjects of marine environmental damage assessments, marine and coastal resource economics, environmental valuation etc.,

The postgraduate programme in Coastal Resources Economics and Management is designed to build the human capital required to effectively manage potential marine disasters and to offer meaningful information to policymakers and managers about the economic significance of coastal ecosystems and resources in planning for restoration, and damage assessment. The programme focuses on theoretical perspectives on linkages between ecosystem services and resource management, the actual integration of valuation of information in coastal and marine resources for policy decisions, and the application of economic valuation methods to specific coastal and marine resource management problems. This programme will be highly recognized since the proposed conceptual strategy is globally accepted.

This postgraduate programme is implemented jointly with the International Union for Conservation of Nature (IUCN) under the Global Environmental Facility Project (GEF 07) of Natural Capital Values of Coastal and Marine Ecosystems in Sri Lanka Integrated into Sustainable Development Planning, which is executed by the Ministry of Environment.



## ➔ COURSE AIMS

The proposed course plans to develop human capital with state-of-the-art competencies in:

- ❖ Ecosystem valuation and natural capital accounting using internationally accepted methodologies such as the System of Environment Economics Accounting (SEEA)
- ❖ Monitoring disaster risks, Natural Resources Damage Assessments (NRDA), Ecosystem-Based Disaster Risk Reduction (Eco-DRR) and establishing adaptive and mitigatory action
- ❖ Environment certification and auditing and, value chain management, Remote sensing and GIS for coastal planning and management
- ❖ Environmental Impact Assessment
- ❖ Integrated Coastal Resources Management (ICM)

## ➔ PROGRAMME STRUCTURE, PATHWAYS AND DURATION

The programme consists of three parts;

- ❖ Part I (Contents of Semester 1 and 2),
- ❖ Part II (Contents of Semester 3)
- ❖ Part III (Contents of Semester 4 - Research Project and Dissertation)

Those who had successfully completed;

- ❖ Part I are eligible for Postgraduate Diploma - SLQF level 8, 1 year duration, requires total of 30 credits
- ❖ Part I & II are eligible for Masters by course work - SLQF Level 9, 1 ½ years duration, requires total of 45 credits
- ❖ Part I ,II & III are eligible for MSc by Course work with Research SLQF 10, 2 years duration, requires 60 credits

Candidates can choose to register for any one of the above directly

## ➔ COURSE CONTENTS

### Semester 1

- CREM 1012 Coastal Environment
- CREM 1022 Oceanography
- CREM 1032 Coastal Livelihoods and other Economic Activities
- CREM 1042 Fisheries and Aquaculture
- CREM 1052 Marine and Coastal Tourism
- CREM 1062 Marine Pollution and Waste Management
- CREM 1072 Environmental Governance
- CREM 1082 Statistics for Natural Resources Management
- CREM 1091 Environmental and Natural Resources Economics

### Semester 2

- CREM 2012 Remote Sensing and GIS for Coastal Planning and Management
- CREM 2021 A Landscape Approach to Coastal Management Planning
- CREM 2032 Natural Capital Accounting and Valuation of Ecosystem Services
- CREM 2042 Natural Resources Damage Assessment
- CREM 2052 Environment Impact Assessments and Monitoring
- CREM 2062 Ecosystem-Based Disaster Risk Reduction
- CREM 2072 System of Environmental Economic Accounting

### Semester 3

- CREM 3013 Integrated Coastal Resources Management
- CREM 3022 Research Methodology
- CREM 3032 Seminars
- CREM 3041 Environmental Certification and Auditing
- CREM 3052 Environment Sustainability and Supply Chain Management
- CREM 3061 Project Analysis
- CREM 3074 Case Studies

### Semester 4

- CREM 4115 Research Project and Dissertation

