

COURSE DETAIL

MARINE ENERGY 5

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

129

UCEAP Course Suffix**UCEAP Official Title**

MARINE ENERGY 5

UCEAP Transcript Title

MARINE ENERGY 5

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

The seas and oceans appear to offer opportunities for the long term, cost effective, generation of energy. Waves and tidal currents represent high density energy resources which, in the case of the tides, are highly predictable in form. The wave resource, whilst not predictable in a true sense, is more easily forecast than is the wind. The engineering difficulties associated with effective exploitation of the marine resources are considerable, however. This course guides students through the process of understanding the resources and how to best develop and apply techniques for exploitation.

Language(s) of Instruction

English

Host Institution Course Number

MECE11009

Host Institution Course Title

MARINE ENERGY 5

Host Institution Course Details

<http://www.drps.ed.ac.uk/21-22/dpt/cxmece11009.htm?code=MECE11009>

Host Institution Campus

Host Institution Faculty

School of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2021-2022

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