

## COURSE DETAIL

### LIVING ON THE EDGE: ESTUARIES AND COASTS

**Country**

Ireland

**Host Institution**

Trinity College Dublin

**Program(s)**

Trinity College Dublin

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography

**UCEAP Course Number**

169

**UCEAP Course Suffix****UCEAP Official Title**

LIVING ON THE EDGE: ESTUARIES AND COASTS

**UCEAP Transcript Title**

ESTUARIES & COASTS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

Coastal regions are some of the most dynamic on Earth, not least because human and natural processes act in tight connection to each other. This dynamism poses one of the great societal challenges of the 21st Century. Building upon a basic, foundational knowledge of ocean and coastal processes covered in relevant courses within the first and second year ("Spaceship Earth" and "Physical Geography: Dynamic Earth"), students gain wide ranging theoretical and practical skills required to address those challenges. The lectures and seminars take students on a journey that highlights how the natural processes operating within estuaries and on coasts are a function of external factors (past and present climate, geology, human influences) and feedbacks in which the landforms themselves affect the operation of processes that shape the landforms. Equipped with this knowledge, and several examples from around the world, students put their knowledge into practice. A day field trip and practical exercise challenges students to apply what they have learnt to real-world coastal management problems.

### Language(s) of Instruction

English

### Host Institution Course Number

GGU44979

### Host Institution Course Title

LIVING ON THE EDGE: ESTUARIES AND COASTS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Geography

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