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 Course Details
https://www.tcd.ie/media/tcd/geography/pdfs/Geography-UG-handbook-2024-25-Final...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Geography

Course Last Reviewed
2024-2025

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