

## **INTERNATIONAL PROGRAMME FOR ERASMUS+ STUDENTS:** DEDICATED TO ENVIRONMENTAL SCIENCE AND COASTAL MANAGEMENT

- ✓ International course
- Taught in Englisch
- Every summer semester
- ✓ Duration: April to August
- ✓ 30 ECTS credits
- ✓ No tuition fee
- More information:

www.icbm.de/studium-undlehre/international-students/ www.coast.uni-oldenburg.de

# WADDEN SEA

# **DYNAMIC SYSTEM AND NATURE HERITAGE**

## **ABOUT US**

The University of Oldenburg is central in Germany's northwestern region and close to a fascinating and vulnerable coast. This large flat coast is known as the Wadden Sea. The University of Oldenburg has become a hub for interdisciplinary studies on the functioning and the management of the complex socio-ecological Wadden Sea system being a World Nature Heritage Site and a Biosphere Reserve

## **PROSPECTIVE STUDENTS**

We offer a coherent course to international Master's

## **COMPULSORY MODULES**

### **SPECIALIZATION MODULES**

(Choose <u>one</u> module out of the following)

#### Module 1:

- 1<sup>st</sup> part: Programme introduction
- •Excursion to the Wadden Sea Island
- Spiekeroog
- •German language course Consolidation of the results from the specialization modules

# 2<sup>nd</sup> part: Wadden Sea – Programme synopsis

Programme synopsis Seminar –
 Synthesis and consolidation of the results

#### Module 3:

Wadden Sea – Sedimentary processes and biodiversity

- Sediment microbiology
- Microbial ecology
- Biological significance of suspended matter
- Consequences of biodiversity change
- Dangerous marine animals: Biology, ecology
- and first aid
- Microbial excursion or: Excursion to

students who want to con- textualise their topical knowledge and to strenghten their interdisciplinary skills bridging science and management.

## **ENTRY REQUIREMENTS**

Prospective participants are students in environmental or marine sciences or management related Master's programme at one of Oldenburg's ERASMUS+ partner universities. Most of the participants are expected to benefit from ERASMUS+ mobility funds.

## COURSE

The interdisciplinary course comprises compulsory and elective modules for individual specialisation.

•Seminar - Progress in Wadden Sea research – seminar presentation

#### Module 2:

Dynamics of the Wadden Sea World Heritage Site

•Excursion to the Wadden Sea Island Spiekeroog

Wadden Sea biotopes and nature conservation (German language course)
Wadden Sea oceanography - Synthesis and consolidation of the results

the

offshore island of Helgoland

#### Module 4:

Wadden Sea – Ecosystem based management

International research workshop:
 Water and

coastal management

- Economics and climate change
- International environmental

management

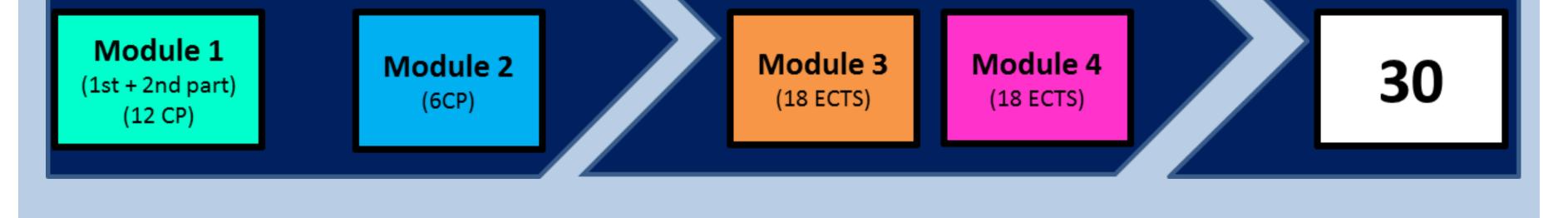
- Case Studies in Coastal Management
- Nature conservation in practice
- Estuarial Cities: Bremen and the River Weser

TOTAL ECTS:

COMPULSORY MODULES

SPECIALIZATION MODULES (choose one module)

The course is offered every summer semester starting in April 2016.







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