

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:

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

2nd 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

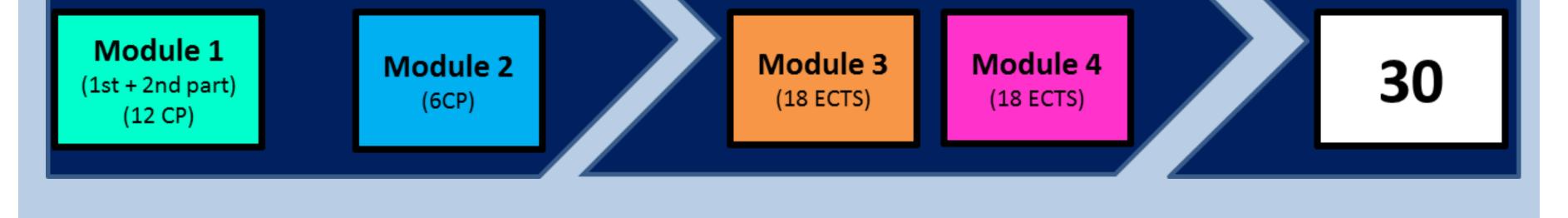
- Case Studies in Coastal Management
- Nature conservation in practice
- Estuarial Cities: Bremen and the River Weser

TOTAL ECTS:

COMPULSORY MODULES

SPECIALIZATION MODULES (choose one module)

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







Institute for Chemistry and Biology of the Marine Environment For further questions please contact: ferdinand.esser@uni-oldenburg.de ingo.mose@uni-oldenburg.de thomas.klenke@uni-oldenburg.de



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