

Module Name	Module Code
<i>Science meets Society – ways to co-create knowledge & solutions for ocean sustainability</i>	biolOceanEducation-01a
Person in Charge	
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Organizer	
Cluster of Excellence Future Ocean, GEOMAR, University of Kiel, Zentrum für Schlüsselqualifikationen	
Faculty	
Faculty of Mathematics and Natural Sciences	
Examination Office	
Institute of Biology	

Status¹ (C / CE / O)	O
ECTS Credits	2 ECTS
Evaluation	Written synopsis
Duration	1 semester
Frequency	Winter semester
Workload per ECTS Credit	30 hours
Total Workload	60 hours
Contact Time	14 hours
Independent Study	46 hours

Teaching Language	English
Entry Requirements as Stated in the Examination Regulations	none
Recommended Requirements*	none

Module Course(s)			
Course Type	Course Name	Compulsory/ compulsory elective/ optional	Credit hours
Lecture + Debate	<i>Science meets Society - ways to co-create knowledge & solutions for ocean sustainability</i>	optional	1 SWS
Further Information on the Course(s)*			
Prerequisites for Admission to the Examination(s)*		none	

¹ Status of whole module (compulsory, compulsory elective, optional)

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory/ compulsory elective/ optional	Weighting²
	Written synopsis on five out of eight lectures	pass/fail	compulsory	100%
Further Information on the Examination(s)*				

Short Summary/ Background
The Sustainable Development Goals (SDGs) describe a global agreement on what society seeks to become. It envisions a safe and just world, where the fundamental conditions for human prosperity - a stable climate, a clean environment and healthy ecosystems - are maintained. In order to achieve these objectives, science and society are challenged to broaden their perspectives and to cooperatively address complex questions which cut across scientific, environmental, and social systems. Transdisciplinary research forms a solution-oriented and transformative approach. It builds and applies multi-disciplinary knowledge by integrating scientists, stakeholders and practitioners under a shared goal and conceptual framework.
Course Content
The module is a lecture- and discussion-based class. It will cover current topics and methodologies in sustainable solution-oriented research. Guest-lecturers will report their hands-on experience, success and challenges in co-creating and conducting transdisciplinary projects. A list of specific topics and dates will be provided on OLAT.
Learning Outcomes
The goal of this module is to give thought-provoking impulses about the urgent question and potential ways of how science and society can co-create knowledge and solutions for a sustainable development. Students are encouraged to translate the examples and approaches learned into the context of their own discipline. The module promotes interdisciplinary thinking and debating, which is a qualifying skill for careers in- and outside academia.
Reading List
Additional Information*
The course will take place every second week. The dates, contents, and reading material will be specified on OLAT/ UnivIS.
Application of module
This module is interdisciplinary. Students of all faculties and disciplines with an interest in the ongoing debate on how science and society can interactively promote sustainable development are welcome.

² Weighting within the module