



## KLAIPĖDA UNIVERSITY

### STUDY MODULE PROGRAMME (SMP)

Module Code	B	000	M		Accredited until	20__	09	01	Renewal date		
	Branch of Science				Progr.	Registr. №.					

Entitlement

Coastal and Marine Management

Prerequisites

No prerequisites. The course is suitable for a wide spectrum of disciplines, study courses and backgrounds

Provided knowledge and abilities

The course provides knowledge about background, state-of-the-art, principles and methods of coastal & marine management, European marine and coastal policy, Integrated Coastal Area - River Basin Management approaches as well as problems, governance and management of the Baltic Sea. Participants will gather experiences with the application of a System Approach Framework (SAF) to address and solve coastal and marine management problems; get knowledge on European coastal & marine management best practice case studies and lessons learnt from it; acquire skills in applying tools and methodologies (e.g. Indicator and Ecosystem Service assessment) to support management; will get practical experiences in public participation and stakeholder involvement as well as environmental monitoring and laboratory experiments.

Main aims

- to provide up-to date knowledge about state, requirements and approaches in Coastal and Marine Management,
- to train students in methodologies, tools and techniques of general importance, and
- to improve social, communication, presentations and moderation skills.

Summary

The course is interdisciplinary and links environmental, economic and social sciences and provides a broad spectrum of scientific and practical skills.

#### Course (module) Learning Outcomes

№.	Learning Outcomes	Teaching / Learning Methods	Assessment Methods
1	Knowledge about background, state-of-the-art, principles and methods of coastal & marine management. Knowledge about European marine and coastal policy, Integrated Coastal Area - River Basin Management approaches as well as governance and management of the Baltic Sea	Formal lecture, group work	Test
2	Practical experiences with the application of a System Approach Framework (SAF) to address and solve coastal and marine management problems	Group work	Test
3	Detailed knowledge on European coastal & marine management best practice case studies and lessons learnt from it	Student presentation, discussions	Self-evaluation
4	Knowledge on and skills in applying tools and methodologies (e.g. Indicator and Ecosystem Service assessment) to support management	Group work, discussions	Test
5	Experiences in public participation and stakeholder involvement in practice	Role play, discussions	Self-evaluation
6	Experiences in environmental monitoring and laboratory experiments	Group work, discussions	Test

Learning outcomes for Master's degree programme **Ecology and Environmental Studies**

Category of learning outcomes	Programme Learning Outcome	Course (module) Learning Outcome №					
		1	2	3	4	5	6
Knowledge and Its Application	Awareness of recent environmental, economic and social problems and challenges on European coastal and seas. Theoretical and methodological knowledge on coastal and marine management as well as the ability to deal with coastal and marine problems in practice.	x	x	x	x	x	x
Subject-Specific Skills	Ability to carry out a step-wise Systems Approach Framework to address and solve problems, to carry out an Ecosystem Service assessment, to carry out an indicators based assessment in a coastal region, to organise and moderate participation processes and to perform an environmental monitoring		x	x	x	x	x
Social Skills	Improved skills in oral presentations, team-work, communication, moderation and discussion. Experiences in interdisciplinary work		x	x	x	x	x
Personal Skills	Improved English language skills and experience with international teaching and research	x	x	x	x	x	x

Main aim

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Summary

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Level of module

Level of programme		Subject group (under the regulation of the area)	Subject level
Cycle	Type		
Second	Master	Fundamental Courses of Study Field	Deepening

Group under financial classification

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Syllabus

№.	Sections and themes	Responsible lecturer
1.	Coastal Management & Marine Spatial Planning (ICZM, MSP)	Prof. Dr. Gerald Schernewski
2.	Marine Management – The Baltic Sea	Prof. Dr. Gerald Schernewski
3.	River Basin - Coastal Area Management (ICARM)	Prof. Dr. Gerald Schernewski
4.	System Approach Framework (SAF): Tools & Application	Prof. Dr. Gerald Schernewski
5.	Stakeholder involvement in decision-making	Prof. Dr. Gerald Schernewski
6.	Coastal & Marine Ecosystem Service Assessment	Prof. Dr. Gerald Schernewski
7.	Policy Implementation & Monitoring: Marine litter	Prof. Dr. Gerald Schernewski
8.	Policy Implementation & Monitoring: Bathing Water Quality	Prof. Dr. Gerald Schernewski
9.	Sustainability Indicator Systems	Prof. Dr. Gerald Schernewski
10.	Climate Change Adaptation – Seas & Coasts	Prof. Dr. Gerald Schernewski

Evaluation of knowledge and abilities:

The ten grade is applied. During the course, every student will get scores for every major exercise, partly as self-evaluation, and additional daily scores. Evaluation criteria for the scores are: quality of deliverables, quality of the input to the course and motivation activity and reliability. The final score is an average of all scores.

References (all necessary literature will be available for download)

№.	Title	Edition in KU library		In KU bookstore	Number of ex. in the methodical cabinet of the depart.
		Pressmark	Number of exemplars		
1.	European Union (2011): OurCoast – Integrated Coastal Zone Management: <a href="http://ec.europa.eu/ourcoast/download.cfm?fileID=1749">http://ec.europa.eu/ourcoast/download.cfm?fileID=1749</a>	Publicly available for download			

