

Sectors of Blue Economy II

COURSE OUTLINE

GENERAL

SCHOOL	Maritime and Industrial Studies		
ACADEMIC UNIT	Maritime Studies		
LEVEL OF STUDIES	Postgraduate		
COURSE CODE	S	SEMESTER	2
COURSE TITLE	Sectors of Blue Economy II		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
<i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>			
Lectures	3	7.5	

Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).

COURSE TYPE	Specialised general knowledge, skills development
<i>general background, special background, specialised general knowledge, skills development</i>	
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	English
IS THE COURSE OFFERED TO ERASMUS STUDENTS	
COURSE WEBSITE (URL)	

LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area
- Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B
- Guidelines for writing Learning Outcomes

Upon successful completion of the course, postgraduate students will

- Acquire a deep knowledge on sustainable blue economy sectors
- Understand the opportunities for economic recovery
- Have skills for new blue jobs

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment

Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking

Working in an interdisciplinary environment
Production of new research ideas

.....
Others...
.....

Individual work

Teamwork

Decision-making

Respect for the natural environment

Adaptation to new situations

Promotion of free, creative, and inductive thinking

Work in an interdisciplinary environment

Project planning and management

SYLLABUS

- ✓ The BLUEMED initiative.
- ✓ Sustainable aquaculture. Aquaculture and EU policy. Regional reviews and global overview. Achieving sustainable aquaculture.
- ✓ Searching for gas and oil in the sea.
- ✓ Blue Growth and Marine Renewable Energy (MRE)
- ✓ Global potential of MRE capacity: Overall and by type of technology
- ✓ Critical Factors, Key Strategies & Recommendations for MRE Development
- ✓ International & European policy and legislation for MRE Development
- ✓ Blue biotechnology. Successful marine biotechnology advances. Examples.
- ✓ Marine bioprospecting. Bioprospecting pipeline. Case studies. Marine bioeconomy.
- ✓ Marine Protected areas. The case of marine protected areas in connection to tourism and environmental protection and habitat restoration. Case studies.
- ✓ How can marine ecosystem services support blue growth?
- ✓ Blue growth and blue justice. What solutions are available to achieve a more just ocean economy?
- ✓ Transport system planning
- ✓ Short sea shipping and coastal shipping
- ✓ Waterfront development
- ✓ Port city relations (and use of port facilities and infrastructures for social and cultural activities)
- ✓ ICZM within the framework, of MSP

TEACHING and LEARNING METHODS - EVALUATION

<p>DELIVERY <i>Face-to-face, Distance learning, etc.</i></p> <p>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i></p> <p>TEACHING METHODS <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i></p>	<p>Distance learning.</p> <p>Use of computers and the Internet.</p> <p>Support of the learning process through the ms-teams online platform.</p>										
<p>STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<table border="1"> <thead> <tr> <th>Activity</th><th>Semester workload</th></tr> </thead> <tbody> <tr> <td>Lectures</td><td>25</td></tr> <tr> <td>Project</td><td>50</td></tr> <tr> <td>Study</td><td>82,5</td></tr> <tr> <td>Course total</td><td>112,5</td></tr> </tbody> </table> <p>Project preparation, with submission of written report, oral presentation, and examination (100%).</p>	Activity	Semester workload	Lectures	25	Project	50	Study	82,5	Course total	112,5
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ATTACHED BIBLIOGRAPHY

- *Suggested bibliography:*

- ✓ Professor's power point
- ✓ presentations. Series of scientific publications.