COURSE OUTLINE

1. GENERAL

SCHOOL	AGRICULTURAL SCIENCES				
ACADEMIC UNIT	ANIMAL PRODUCTION, FISHERIES & AQUACULTURE				
LEVEL OF STUDIES	UNDERGRADUATE				
COURSE CODE	AS_102		SEMESTER	1 st	
COURSE TITLE	OCEANOGR	АРНҮ			
INDEPENDENT TEACHING ACTIVITIES 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		WEEKLY TEACHING HOURS		CREDITS	
(the credits are awa	awarded for the whole course)		3		5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).					
COURSE TYPE	Special Back	ground			
general background, special background, specialised general knowledge, skills development					
PREREQUISITE COURSES:	There are no prerequisite courses.				
LANGUAGE OF INSTRUCTION	Greek. Teaching may be performed in English in case of				
and EXAMINATIONS:	foreign students				
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES				
COURSE WEBSITE (URL)	https://eclass.upatras.gr/courses/AS127/				

2. 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
- By the end of this course the student will be able to:

3. SYLLABUS

Lectures

- Introduction, concepts, historical review, Oceanography in Greece.
- Tectonic plates.
- Sediments.
- The chemistry of seawater.
- Atmospheric circulation.
- The circulation of water and sea currents.
- Sea waves. Tides.
- Marine ecosystems.
- Mediterranean and Greek seas.
- Pollution of the seas.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY Face-to-face, Distance learning, etc.	Face to face and distance learning			
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY Use of ICT in teaching, laboratory education, communication with students	 Use of ICT (powerpoint) in teaching Use of ICT in Student Communication (Learning Support through the e-class platform) 			
TEACHING METHODS	Activity	Semester workload		
	Lectures	36		
The manner and methods of teaching are described in detail.	Writing and presentation of a brief project	25		
Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational	Private study time of the students for the lab preparation and final examination	61		
visits, project, essay writing, artistic creativity, etc.	final examination	3		
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 FCTS	Course total	125		
STUDENT PERFORMANCE	Greek language is used. For foreign students (e.g. Erasmus			
EVALUATION Description of the evaluation procedure	students) it can be done in English 1. Written final exam (A) 2. Individual work (B) 3. Exercise (C)			
Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions,	Each case is graded on a scale of 0-10 Final grade (FG): FG = 0.5A + 0.25B + 0.25C Minimum passing grade: 5 (Grade: 0-10)			
open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical				
examination of patient, art interpretation, other				
Specifically-defined evaluation criteria are given, and if and where they are accessible to students.				

5. ATTACHED BIBLIOGRAPHY

• Paul R. Pinet Invitation to Oceanography, 7th Edition