

<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>
<i>Production of new research ideas</i>	<i>Others...</i>

Respect for the natural environment	
Criticism and self-criticism	
Production of free, creative and inductive thinking	

3. SYLLABUS

Introduction to Ecology. Ecology of the individual: organisms in their environment, adaptations. Populations: population characteristics, mortality, fertility, population growth, metapopulations, competition, hunting, vegetarianism and special adaptations of plants and herbivorous insects, abundance regulation, biological resource management, pest management. Biocommunities and ecosystems: characteristics of biocommunities, primary productivity, secondary productivity, biogeochemical recycling, ecological succession, environmental pollution. Molecular ecology. Ecological research methods: population size determination, sample size estimation, experimental design and sampling standards.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face to face. During the course, students are asked to write and present a brief bibliography project	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	<ul style="list-style-type: none"> • Use of ICT (powerpoint) in teaching • Use of ICT in Student Communication (Learning Support through the e-class platform) 	
TEACHING METHODS <i>The manner and methods of teaching are described in detail.</i> <i>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> <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>	Activity	Semester workload
	Lectures	39
	Writing project	25
	Private study time of the students for the lab preparation and final examination	33
	Final examination	3
	Course total	100
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure Language of evaluation,</i>	Greek language is used. For foreign students (e.g. Erasmus students) it can be done in English 1. Written final exam (A)	

<p><i>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>	<p>2. Individual work (B) 3. Exercise (C)</p> <p><i>Each case is graded on a scale of 0-10</i></p> <p>Final grade (FG): FG = 0.5A + 0.25B + 0.25C</p> <p><i>Minimum passing grade: 5 (Grade: 0-10)</i></p>
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5. ATTACHED BIBLIOGRAPHY

<p>Odum E.P. 1975. Ecology. Holt-Saunders Publs. pp.244.</p>
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