

COURSE OUTLINE

1. GENERAL

SCHOOL	SCHOOL OF PLANT SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF FORESTRY & NATURAL ENVIRONMENT MANAGEMENT		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	411	SEMESTER	4 th
COURSE TITLE			
INDEPENDENT TEACHING ACTIVITIES <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>		WEEKLY TEACHING HOURS	CREDITS
LECTURES		3	6
LABORATORY EXERCISES		2	
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Deepening/consolidating knowledge of the specialty of the cognitive subject		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes		
COURSE WEBSITE (URL)			

2. LEARNING OUTCOMES

Learning outcomes <i>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.</i> Consult Appendix A <ul style="list-style-type: none"> • 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
<p>The subject of the course is general financial concepts and financial analysis tools. The aim of the course is the students' understanding of forest production issues from an economic point of view. In the laboratory exercises, the acquisition of competence in the assessment of forest investments, the assessment of forest damage from biotic and abiotic factors and the economic valuation of forest services is sought.</p> <p>Upon successful completion of the course, the student will be able to:</p> <ul style="list-style-type: none"> • Has understood basic concepts of economic theory, inputs and outputs of economic operation and their application to forest production. • Has acquired the ability to cost forest production and analyze the value chain of forest products. • Has acquired the ability to calculate the value of forest holdings. • Has acquired the ability to assess the value of services related to the forest.
General Competences <i>Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and</i>

<p>appear below), at which of the following does the course aim?</p> <p>Search for, analysis and synthesis of data and information, with the use of the necessary technology</p> <p>Adapting to new situations</p> <p>Decision-making</p> <p>Working independently</p> <p>Team work</p> <p>Working in an international environment</p> <p>Working in an interdisciplinary environment</p> <p>Production of new research ideas</p>		<p>Project planning and management</p> <p>Respect for difference and multiculturalism</p> <p>Respect for the natural environment</p> <p>Showing social, professional and ethical responsibility and sensitivity to gender issues</p> <p>Criticism and self-criticism</p> <p>Production of free, creative and inductive thinking</p> <p>.....</p> <p>Others...</p> <p>.....</p>
<ul style="list-style-type: none"> • Search, analyze and synthesize data and information • Project planning and management • Respect for the natural environment • Adaptation to new situations • Decision making • Promotion of free, creative and inductive thinking 		

3. SYLLABUS

The material per week of the course - in theory and in corresponding laboratory exercises - is structured as follows:

Basic financial concepts. Market structure, demand, supply, elasticity of demand and elasticity of supply, principle of economy, consumer and producer surplus. Introduction to Forest Economics. Macroeconomic and microeconomic analysis in forestry. Economics of forest production factors. Supply and demand of forest products. Indicators for wood production disposition. Marketing of forest products. Social and economic planning in forestry, strategic planning at the forest enterprise. Welfare economics. Environmental economics. Valuation of the economic value of ecosystem services.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face, in the rooms of the University		
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of Microsoft Powerpoint slides, laboratory exercises, communication with students via e-mail, analysis/cases/scenarios, meetings with students in small groups to solve questions, educational visits, support of learning process through the online asynchronous learning platform Open e- Class.		
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	
	Laboratory exercises	26	
	Writing a paper		
	Educational visits	6	
	Personal study	77	
	Exams	2	
	Course total	150	
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure</i> <i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended</i>			

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

- Zhang, D, and Pearce, P. (2012), **Forest Economics**. Vancouver. UBC Press, 2012. 412 pp. ISBN: 9780774821537.

- Kant S, Alavalapati RR. (2014), **Handbook of forest resource economics**. Part 4: Economics of risk, uncertainty and natural disturbances. Routledge, New York, pp. 559.

- van den Bergh, J. (1999), **Handbook of Environmental and Resource Economics**. Edward Elgar, Cheltenham.