

COURSE OUTLINE

1. GENERAL

SCHOOL	AGRICULTURAL AND FORESTRY SCIENCES		
DEPARTMENT	AGRICULTURAL DEVELOPMENT		
STUDY LEVEL	<i>Undergraduate</i>		
COURSE CODE	AGRON100 4	ΕΞΑΜΗΝΟ ΣΠΟΥΔΩΝ	7 ^ο
COURSE TITLE	Aromatic Plants and Essential Oils		
INDEPENDENT TEACHING ACTIVITIES	ΕΒΔΟΜΑΔΙΑΙΕΣ ΩΡΕΣ ΔΙΔΑΣΚΑΛΙΑΣ	ΠΙΣΤΩΤΙΚΕΣ ΜΟΝΑΔΕΣ	
Lectures and laboratory course	4	5	
COURSE TYPE	Orientation		
PREREQUISITE COURSE(S):	-		
LANGUAGE (TEACHING AND EXAMS)	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	http://www.agro.duth.gr/undergraduate/program/AGRON1004.shtml		

2. 2. TEACHING OUTCOMES

Teaching outcomes
<p>Upon successful completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> • Specialized technical knowledge related to the cultivation of aromatic plants. • Specialized problems that arise during the growth and development of the above plants and their solution with the best techniques.
General capabilities
<ul style="list-style-type: none"> ▪ Independent work ▪ Team work ▪ Literature search, data analysis and synthesis ▪ Development of inductive reasoning

3. 3. COURSE CONTENT

Main cultivated aromatic plants. Classification, botanical traits, biological cycle, common cultivation techniques. Spreading and economic importance. Prospects for commercial exploitation of the most important aromatic plants. Basic elements of essential oil chemistry, biosynthesis and biological action of essential oils

4. 4. TEACHING AND LEARNING ASSESSMENT METHODS

DELIVERING METHOD	In classroom	
DELIVERING MEDIA	<ul style="list-style-type: none"> ▪ Power point, videos 	
TEACHING ORGANIZATION Σ	Activity	Semester workload
	Lectures	39
	Laboratory courses	0
	Team work	15
	Independent study	71
	Course total (25-hour workload per	125

	<i>credit unit)</i>	
STUDENT ASSESSMENT	Assessment of the students is done through formal written examinations in the theory of the course at the end of the semester.	

5. 5. PROPOSED LITERATURE

Selected textbooks in Eudoxus database.

- Dordas, C. 2012. «Aromatic and Medicinal Plants», Modern Education Publications, Thessaloniki.