SCHOOL	FACULTY OF ENVIRONMENT		
ACADEMIC UNIT	FOOD SCIENCE AND TECHNOLOGY		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	**FST405**	**SEMESTER**	4
COURSE TITLE	**PRINCIPLES OF CROP PRODUCTION**		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercise, 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**
Lectures	3	
Total	3	6
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *General background, special background, specialised general knowledge, skills development*	Special Background, skills developmet
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes (in Greek)
COURSE WEBSITE (URL)	

LEARNING OUTCOMES

Learning Outcomes

The course earning 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 the student will be able to:

- Understand the basic principles that govern the natural environment
- Understand the basic principles of the rural environment
- Approach basic issues of plant-environment interaction
- Identify basic issues of plant cultivation
- Approach basic plant protection issues
- Describe the main cultivation systems
- Elaborate and correlate crop performance with the environment and plant growth conditions

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* *Working in an interdisciplinary environment* *Production of new research ideas*	*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* *.....* *Others...* *.....*

General skills

- Adaptation to new situations.
- Decision making.
- Autonomous work.
- Teamwork
- Exercise criticism and self-criticism.
- Promotion of free, creative and inductive thinking.
- Search, analysis and synthesis of data and information, in order to implement theory in practice

SYLLABUS

Agriculture and its evolution, Classification, autonomy and morphology of large cultivated plants, Growth, growth and yield of crops, Environment and plant growth, Seed and sowing, Cultivation systems, Harvesting and storage of large crop seeds, Basics meteorological data, Basic plant protection elements, Main enemies and diseases Problems from the use of pesticides and personal protection measures

TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	**Use of information technology on data collection and information, in teaching and communication. Communication with students via web, e-mail, e-class and online folder sharing options etc.**
TEACHING METHODS *The manner and methods of teaching are described in detail.*	

Activity	*Semester workload*
Lectures	117

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. *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*	Total contact hours and training	***117***
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *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* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Evaluation procedure performed in Greek. Written examination in matters of graded difficulty, which include a) text development, b) comprehension questions.	

Performance Statistics of the last 2years

Grade (descending order)	absolute frequency	relative frequency %	sum of success rates per class
PRINCIPLES OF CROP PRODUCTION			
10	14	9%	9%
9	23	14%	23%
8	25	15%	38%
7	57	35%	73%
6	45	27%	100%
	164	100%	