

	PROCESO PARA EL DESARROLLO DE LAS ENSEÑANZAS DE LA ESCUELA DE INGENIERÍAS AGRARIAS		
	CÓDIGO: P/CL009_D002		

PROGRAMME IN AGRICULTURAL BOTANY

Academic course: 2019-2020

Identification and characteristics of the subject			
Code	501127		Credits ECTS 6
Denomination (Spanish)	Botánica Agrícola		
Denomination	Agricultural Botany		
Degree	ENGINEERING IN AGRICULTURAL AND FOOD INDUSTRIES		
Center	Agricultural Engineering School		
Semester	Fourth (4º)	Character	Compulsory
Module	Common to the Agricultural branch		
Materia	Bases of Vegetable Production		
Language	Spanish		
Professor/s			
Name	Room	e-mail	Web link
M^a Ángeles Rozas Espadas	D616	marozas@unex.es	
Manuel Martínez Cano	D112	mmcano@unex.es	
Field of knowledge	Plant Production		
Department	Engineering of the Agricultural and Forestry Environment		
Coordinator (in case there is more than one professor)	M^a Ángeles Rozas Espadas		
Lessons and contents			
Syllabus			
<p>SECTION I.- Anatomy and Morphology of Plants</p> <p>Lesson 1. Introduction to vascular plants Lesson 2. Plant histology Lesson 3. The stem Lesson 4. The sheet Lesson 5. The root Lesson 6. The flower Lesson 7. The androecium and the gynoecium</p> <p>SECTION II.- Reproduction in the spermatophyte plants</p>			

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Lesson 8. Angiosperm and gymnosperm plants

Lesson 9. Sexual reproduction

Lesson 10. Asexual reproduction

Lesson 11. Pollination

Lesson 12. Fruit and seed

SECTION II.- The families of flowering plants

Lesson 13. Systematic and nomenclature

Lesson 14. Families of flowering plants I. Dicotyledons

Lesson 15. Families of flowering plants II. Monocotyledons

PRACTICAL SYLLABUS

Practical lesson 1: Recognition of plant tissues I

Practical lesson 2: Recognition of plant tissues II

Practical lesson 3: Morphology of the root, stem and leaves

Practical lesson 4: Reproductive system morphology

Practical lesson 5: Plant Identification: preparing samples and using keys

Practical lesson 6: Plant Identification: preparing samples and using keys

Practical lesson 7: Plant Identification: preparing samples and using keys