PROGRAMME IN AGRICULTURAL BOTANY

Academic course: 2020-2021

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	Forth (4º)	Character	Compulsory		
Module	Common to the Agricultural branch				
Materia	Bases of Vegetable Production				
Language	Spanish				
Professor/s					
Name		Room	e-mail	Web link	
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Field of knowledge	Plant Production				
Departament	Engineering of the Agricultural and Forestry Environment				
Coordinator (in case there is more than one professor)	**Mª Ángeles Rozas Espadas**				

Lessons and contents

Syllabus

SECTION I.- Anatomy and Morphology of Plants

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

SECTION II.- Reproduction in the spermatophyte plants

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