



Universitat de Lleida

DEGREE CURRICULUM **PROJECTS**

Coordination: FERNANDEZ SERRANO, ALVARO

Academic year 2022-23

Subject's general information

Subject name	PROJECTS			
Code	102541			
Semester	1st Q(SEMESTER) CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Agricultural and Food Engineering	4	COMPULSORY	Attendance-based
Course number of credits (ECTS)	9			
Type of activity, credits, and groups	Activity type	PRALAB	PRAULA	TEORIA
	Number of credits	1	2	6
	Number of groups	1	1	1
Coordination	FERNANDEZ SERRANO, ALVARO			
Department	AGRICULTURAL AND FOREST ENGINEERING			
Important information on data processing	Consult this link for more information.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
COTS RUBIO, LLUIS	lluis.cots@udl.cat	3	
FERNANDEZ SERRANO, ALVARO	alvaro.fernandezserrano@udl.cat	3	
LUJAN EGEA, FRANCISCO JAVIER	xavier.lujan@udl.cat	3	

Subject contents

UD I: Basic Aspects and Methodology of Engineering Projects

- Project concept
- Phase methodologies
- Preliminary study
- The blueprint. The basic project
- The project or execution project
- Project implementation

UD II: Morphology of the project

- Project Documents
- DB Memory
- DB Annexes
- DB Planes
- DB Specification
- DB Statement of Measurements and Budget
- DB Studies with Own Entity

Unit III: Project Evaluation

- Evaluation methods. Decision support
- Simple evaluation methods
- Multi-criteria evaluation methods
- Economic evaluation methods

UD IV: Regulations in projects

- The regulations in the design
- Building planning law
- Presentation of the CTE

DU V: Fire Safety

- Legal framework for Fire Safety in agro-industrial establishments
- Characterization of industrial establishments
- Construction requirements
- Facility Requirements

- CTE. DB-SI. Fire safety

UD VI: Construction management

- Introduction
- Aspects of start of work: organization, licences, starting documentation
- Development of the work
- Quality control of the work

UD VII: Planning of the work

- Planning, Programming and control. Techniques
- Exercises on planning techniques

UD VIII: Safety and Health in construction works

- Legal framework. Documentation and Processing
- Legal texts on risks and prevention
- Protections

Evaluation

Qualification

Evaluation

- (A) Exam 1 (Professor Fernández Block, Units I to V): 35%
- (B) Exam 2 (Professor Cots Block, Units VI to VIII): 35%
- (C) Practices (Professor Luján Block): 30%

Criteria to pass the subject

- each of the notes A, B and C must be equal to or greater than 4.0
- the resulting mark must be equal to or greater than 5.0 ($0.35 A + 0.35 B + 0.30 C \geq 5.0$)
- If the subject is not passed, those blocks with a grade lower than 4 will have to be recovered.

Observations

- Exam 1 (Units I to V) will be multiple choice and each student can use a handwritten summary of it on a DIN A4 size sheet.
- Exam 2 (Units VI to VIII) will be multiple choice and without notes (60% grade) and problems (40% grade). For problems, you will be provided with a form like the one available on the virtual campus.