



Universitat de Lleida

DEGREE CURRICULUM **BACHELOR'S THESIS**

Coordination: TRESANCHEZ RIBES, MARCEL

Academic year 2023-24

Subject's general information

Subject name	BACHELOR'S THESIS			
Code	102140			
Semester	UNDEFINED			
Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Automation and Industrial Electronic Engineering	4	COMPULSORY	Attendance-based
Course number of credits (ECTS)	15			
Type of activity, credits, and groups	Activity type	TFG		
	Number of credits	15		
	Number of groups	1		
Coordination	TRESANCHEZ RIBES, MARCEL			
Department	INDUSTRIAL AND BUILDING ENGINEERING			
Important information on data processing	Consult this link for more information.			
Language	Català, castellà i anglès.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
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Subject's extra information

You will find all the [information about the BT of the Degree in Industrial Electronics and Automation Engineering in the degree web page](#).

Learning objectives

Bachelor's thesis is a subject which is included in the syllabus of every bachelor's degree. In case of bachelor's degree in Technical Architecture, bachelor's thesis (BT) has 15 ECTS, it has to be done in the last academic year and it comprises work that every student (or a group of students) carries out under the supervision of a director or two co-directors. This work allows students to show their acquired knowledge and competences associated with the bachelor's degree in an integrated way.

Competences

UdL1. Appropriate skills in oral and written language.

UdL2. Command of a foreign language.

EPS1. Capacity to solve problems and prepare and defence arguments inside the area of studies.

EPS2. Capacity to gather and interpret relevant data, within the area of study, to judge and think about relevant subjects of social, scientific and ethical nature.

EPS3. Capacity to convey information, ideas, problems and solutions to both a specialized and no specialized public.

EPS4. To have the skills required to undertake new studies or improve the training with self-direction.

EPS8. Capacity of planning and organizing the personal work.

GEEIA30. Capacity to develop an original and individual project, and to present and defend it in front of a university court. It has to be a project in the industrial electronics and automation technological field of the Industrial Engineering, of professional nature in which all the competences are integrated and synthesized.

Methodology

Every bachelor's thesis is directed by a director or two co-directors. The director or one of the co-directors must be a teacher who belongs to a teaching department of the same degree.

An external teacher may be proposed as a co-director, in which case a member of the UdL teaching staff must perform as a director.

Development plan

Proposal

A proposal of the bachelor's thesis may be carried out in the following ways:

- A student's proposal.
- A department's proposal.
- Proposals carried out within the framework of the convention of cooperation between university and enterprise.
- Projects carried out within the framework of the mobility offered at UdL.

A proposal must be approved by the director (or the co-director) and the coordinator of the degree.

Enrolment

The enrolment allows a student to apply to reading his/her bachelor's thesis in a call during the academic year.

Enrolment may be processed during two periods along the academic year:

- At the beginning of the first quarter.
- At the beginning of the second quarter.

You can consult on particular enrolment dates at [this link](#).

Evaluation

The bachelor's thesis will be assessed following continuous assessment methodology. The final mark will be based on the marks of the following four items:

- Initial report (10%) which shows assimilation of the aims and context of the BT to carry out. It is assessed by the director.
- Follow-up report (10%) which presents evolution of the BT and decisions made. It is assessed by the director.
- Final document of the BT (50%). It is assessed by the director.
- Presentation and defense of the BT in front of an examination committee (30%). The student will present his/her project and defend it publically answering committee's questions.