



Universitat de Lleida

# DEGREE CURRICULUM **MASTER'S THESIS**

Coordination: COMBALIA CENDRA, FELIP

Academic year 2018-19

## Subject's general information

<b>Subject name</b>	MASTER'S THESIS						
<b>Code</b>	103124						
<b>Semester</b>	UNDEFINED						
<b>Typology</b>	Degree	Course	Character	Modality			
	Master's Degree in Leather Engineering	2	COMPULSORY	Attendance-based			
<b>Course number of credits (ECTS)</b>	15						
<b>Type of activity, credits, and groups</b>	<b>Activity type</b>	TFM					
	<b>Number of credits</b>	15					
	<b>Number of groups</b>	0					
<b>Coordination</b>	COMBALIA CENDRA, FELIP						
<b>Department</b>	COMPUTER SCIENCE AND INDUSTRIAL ENGINEERING						
<b>Teaching load distribution between lectures and independent student work</b>	PRESENTIAL=0% AUTONOMOUS=100%						
<b>Important information on data processing</b>	Consult <a href="#">this link</a> for more information.						
<b>Language</b>	To be determined with the director.						
<b>Distribution of credits</b>	TOTAL=15 ECTS						

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
BACARDIT DALMASES, ANNA	anna.bacardit@udl.cat	2	
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OLLÉ OTERO, LLUÍS	lluis.olle@udl.cat	1	

## Learning objectives

Master's thesis is a subject which is included in the syllabus of every master's degree. In case of master's degree in Leather Engineering, master's thesis (MT) 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 master's degree in an integrated way.

## Competences

### Basic

B06 To possess and understand knowledge that provides a basis or opportunity to be original in the development and / or application of ideas, often in a research context.

B07 That students know how to apply the acquired knowledge and have the ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study.

B08 That students are able to integrate knowledge and face the complexity of making judgments based on information that, being incomplete or limited, includes reflections on social and ethical responsibilities linked to the application of their knowledge and judgments.

B09 That the students know how to communicate their conclusions -and the knowledge and ultimate reasons that sustain them- to specialized and non-specialized audiences in a clear and unambiguous way.

B10 That students have the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.

## General competencies

CG1. To apply properly mathematical, analytical, scientific, instrumental, technological and management aspects.

CG2. To technically and economically manage projects, facilities, plants, companies and technology centers.

CG3. To investigate, develop and innovate.

CG4. To direct, plan and supervise multidisciplinary teams.

## Specific competences

CE12. To perform individually, present and defend in front of a university court an original exercise, consisting of a project in the field of leather engineering of a professional nature, which synthesizes and integrates the skills acquired in the master.

## Subject contents

The content of the Master's thesis can be due to the following cases:

- Student's proposal.
- Department's proposal.
- Proposal in the frame of a collaboration university-company.
- Thesis developed as a part of a mobility program.

The proposal must be validated by the director (or codirector) and the coordinator of the Master.

## Methodology

Every bachelor's thesis is directed by a director or two co-directors. The director or one of the codirectors 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 master'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 master'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.

## Evaluation

The master'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 MT to carry out. It is assessed by the director.
- Follow-up report (10%) which presents evolution of the MT and decisions made. It is assessed by the director.
- Final document of the MT (50%). It is assessed by the director.
- Presentation and defense of the MT in front of an examination committee (30%).

The student will present his/her project and defend it publically answering committee's questions.