

**AGREEMENT FOR UNDERTAKING THE MA DEGREE DISSERTATION IN  
COLLABORATING ORGANISATIONS**

Javier Lafuente Sancho, Rector of the Universitat Autònoma de Barcelona (UAB), with Tax Identification Number Q-0818002-H, at the address campus universitari, s/n, 08193 Bellaterra (Cerdanyola del Vallès), in virtue of the powers attributed by article 75 (m) of the UAB statutes, exercised through his appointment as rector of this university by Catalan Government Decree 260/2016, of 31 May 2016; and in his name and representation, Mr Ian Blanes Garcia, Director of the Engineering School at the Universitat Autònoma de Barcelona, in accordance with the resolution of June 6 2016, authorising the signing of education cooperation agreements with companies and other institutions for external work-placement practicals and the calculation of their associated academic credits.

**AND**

Mr/Ms **name**, as **position**, on behalf of the collaborating organization **company**, at the address **address** in **city** **zipcode**, with Tax Identification Number (NIF) **NIF**.

**AND**

Mr/Ms **student name**, with national identity number or passport number **DNI**, a student of Master in Computer Vision at the School of Engineering.

All parties mutually recognize sufficient legal capacity with which to execute this agreement and hereby

**DECLARE**

That, within the framework of Spanish Royal Decree 1393/2007, of 29 October 2007, which establishes the regulation of official university teaching, modified by Spanish Royal Decree 861/2010, of 02 July 2010, the parties subscribe to this document, and hereby.

**AGREE**

**First.** The object of this agreement is to establish the conditions in which the student is to undertake the MA dissertation required to complete the studies in which he/she is enrolled. The period of placement with the collaborating organization must be directed towards facilitating the completion of this dissertation.

The student shall undertake this MA dissertation in accordance with the training project described in the annex to this agreement, which includes the educational objectives and the activities to be carried out. The dissertation may be considered for publication.

**Second.** The conditions for the placement to carry out the dissertation will be as follows:

1. The placement period will be from **date** until **date**, the timetable will be from Monday to Friday, **hours** hours per day. This is compatible with the student's academic, representative and participatory activity at the University.
2. The total number of hours for the external placement is 225.
3. The placement will take place at **department** company department.

**Third.** The number of academic credits that the student will obtain for completing the MA dissertation within the collaborating organization is that established by the corresponding study program.

**Fourth.** The student's rights and duties are stipulated in the *Estatut de l'Estudiant Universitari* (university student statutes). The student shall have the following rights regarding leaves of absence:

- a. For examinations, either partial or final. The student will be given leave for the whole day on which the exam takes place.
- b. For tutorials. The student will be given leave for the hours needed for the tutorial.
- c. To present academic assignments. The student will be given leave for the hours needed to present the assignments.
- d. For participation on University governing and representative bodies. The student will be given leave

for the hours needed to attend sessions and to take part in electoral processes.

**Fifth.** The collaborating organization designates **company advisor** as tutor to the student, who shall oversee the student's training, set his/her work plan in accordance with the training project, and coordinate with the tutor appointed by the University.

The personal details of the tutor designated by the collaborating organization will be placed on record at the *Universitat Autònoma de Barcelona* with the aim of managing the implementation of this agreement and monitoring students' progress. In accordance with current laws on the protection of personal data, tutors may exercise their rights of access, rectification, cancellation and opposition through the office of the secretary general of the *Universitat Autònoma de Barcelona*.

**Sixth.** This placement for undertaking the MA dissertation does not imply the acceptance of obligations by the parties beyond those strictly established in this document.

**Seventh.** Intellectual and industrial property rights deriving from the execution of this agreement shall pertain to the collaborating organization in accordance with the provisions of the corresponding legislation.

**Eighth.** Any breach of the terms of this agreement, of its annexes and/or of applicable legislation shall be reported to the *Universitat Autònoma de Barcelona* with a minimum of one week's notice, with a view to terminating the agreement in advance.

Additionally, the University may unilaterally terminate this agreement if it finds that one of the parties is in breach of the agreed terms and applicable regulations.

**Ninth.** Any dispute arising from the execution or interpretation of this agreement shall be resolved between the parties. If this is not possible, the parties will waive their own jurisdiction and submit to the courts of Barcelona.

**Tenth.** The *Universitat Autònoma de Barcelona* and the collaborating organisation may make public dissemination of their subscription to this agreement, provided that this is done in the spirit of cooperation between the parties.

And in witness whereof, the parties have signed this document in three originals, in the place and on the date given below.

Bellaterra (Cerdanyola del Vallès), ... / ... / 2024

For the Universitat Autònoma de  
Barcelona  
(Signature and stamp)

For the student  
(Signature)

For the collaborating organisation  
(Signature and stamp)

Ian Blanes Garcia  
Director of the Engineering School

name

name  
position

**TRAINING PROJECT**  
(ANNEX)

**Training project** relating to the educational cooperation agreement for external academic placements between the *Universitat Autònoma de Barcelona*, with tax number (NIF) Q0818002H, the collaborating organization **company name**, with tax number (NIF) **NIF**, and the student **name**, with national ID (DNI) number **DNI**, on .../.../2024.

**Details of the training project**

Collaborating organization: **Company Name** , with tax number **NIF**.

Student: **name**, DNI or passport number **DNI** .

Address of the work placement in which the MA dissertation will be carried out:

**Address. City ZIP code**

Area/Department/Service where the placement is carried out: **department**

Date: from **date** until **date**

**Motivation**

The objective of this subject is for the student to carry out a research or innovation project in which they must apply the knowledge and skills acquired in the previous subjects to the practical resolution of a vision problem.

**Objective of the MA dissertation**

The students must analyze the problem, make a literature review, propose a hypothesis, and carry out the set of experiments necessary to reach a result that allows relevant conclusions to be obtained. As a result, the student will have to write a scientific paper and go through a public defense in front of an evaluation committee to which they will have to present the development and conclusions of all the work. For students who decide to pursue a PhD program, this project should be the first stage of the doctoral thesis.

**Details of content, MA dissertation (tasks)**

**Short proposal description (already provided)**

**Details of content, MA dissertation (tasks)****Learning Results the student will have acquired on completing the placement.****Knowledge or content:**

- Identify the components at all levels that must be solved in the context of the master's thesis.
- Select the best algorithms and experiments to solve and train the components of a system in the context of the master's thesis.
- Provide the best mathematical modelling that solves each of the parts of the vision system that is developed in the context of the master's thesis.
- Know how to construct a state of the art and cite all the related bibliography for a vision problem at all levels.

**Skills:**

- Prepare a scientific document that describes in great depth the results of the development of a vision project.
- Defend the results of the master's final project in an oral presentation in front of an evaluation committee.

**Competences:**

- Develop all the components of a vision system in the context of the master's thesis.
- Plan the development, evaluation, dissemination, and transfer of a project from a vision project.

**Procedure for supervision by the tutor designated by the collaborating organisation**

The methodology for an MCV supervisor is the supervision of the following steps:

- Ensure all the data is ready before the starting of the project.
- Advising the student in planning and posing the hypothesis
- Perform regular orientation meetings to analyse results with the student (online or in-person)
- Supervise the preparation of the final report and the oral presentation.
- Evaluate of the student by filling a rubric

For the Universitat Autònoma  
de Barcelona  
(Signature and stamp)

For the student  
(Signature)

For the Collaborating Organisation  
(Signature and stamp)

Ian Blanes Garcia  
Director of the Engineering  
School

name

Name  
position