| Teaching Guide | | | | |
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| Identifying Data | | | | 2023/24 |
| Subject (*) | Work Placement | | Code | 614535015 |
| Study programme | Máster Universitario en Visión por Computador | | | |
| Descriptors | | | | |
| Cycle | Period | Year | Type | Credits |
| Official Master's Degree | 2nd four-month period | First | Obligatory | 3 |
| Language | English | | | |
| Teaching method | Face-to-face | | | |
| Prerequisites | | | | |
| Department | Ciencias da Computación e Tecnoloxías da Información | | | |
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| Web | | | | |
| General description | External internships should provide students with direct contact with the reality of work. Although credits are limited, we will try to integrate students in ongoing projects, not only to learn the flows and dynamics of teamwork in the field of computer vision, but also to try to contribute in some part of the project the knowledge acquired in the Master to date. | | | |

| Study programme competences | |
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| Code | Study programme competences |
| B2 | CB7 - That students are able to apply their acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study |
| B3 | CB8 - That students are able to integrate knowledge and deal with the complexity of making judgements based on information that is incomplete or limited, including reflections on social and ethical responsibilities linked to the application of their knowledge and judgements |
| B7 | CG2 - Ability to analyze a company's needs in the field of computer vision and determine the best technological solution for it |
| B9 | CG4 - Ability to critically analyze and rigorously evaluate technologies and methodology |
| C1 | CT1 - Practice the profession with a clear awareness of its human, economic, legal and ethical dimensions and with a clear commitment to quality and continuous improvement |
| C2 | CT2 - Ability to work as a team, organize and plan |

| Learning outcomes | | | |
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| Learning outcomes | Study programme competences | | |
| This work should lead students to deepen their knowledge of a topic related to the Master in Computer Vision, to internalize concepts, methods and techniques in the perspective of learning by doing, allowing them to develop reflection and synthesis, and to carry out an applied work in the context of the area of specialization of computer vision. | | BC2<br>BC3<br>BC7<br>BC9 | CC1<br>CC2 |

| Contents | |
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| Topic | Sub-topic |

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| The internships will be agreed with the companies and research centers offering them (which have already signed a collaboration agreement), in such a way as to meet the requirement that the projects in which they are integrated help to complete their training in some of the compulsory or elective subjects studied and allow them to have direct contact with the reality of the market. | Each student will have an individual work program in the teachers' field, defined by the tutor at the host institution and validated by the academic tutor. The main steps may include a subset of the following, according to the specific needs of the project:<br><br>-Review of the state of the art;<br><br>-Analysis of possible solutions;<br><br>-Proposal / Development of a solution;<br><br>-Critical analysis of the proposed / developed solution;<br><br>At the end, the student will make a written report of the work done. |

| Planning | | | | |
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| Methodologies / tests | Competencies | Ordinary class hours | Student?s personal work hours | Total hours |
| ICT practicals | B2 B3 B7 B9 C1 C2 | 75 | 0 | 75 |
| Personalized attention | | 0 | | 0 |
| (*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students. | | | | |

| Methodologies | |
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| Methodologies | Description |
| ICT practicals | A work plan will be agreed with the collaborating entities that must be approved by the CAM.<br>Each student will have an academic tutor and a company/research center tutor that will guarantee the correct development of the internship.<br><br>The main tasks of the work include the understanding of the problem, the formalization of the problem, the study of appropriate methodologies, the development and design of a proposal / solution to the problem, an evaluation and critical analysis of the results obtained, and conclusions. It will be promoted that the external practices serve as adaptation of students to the new work environment and as a preamble to the realization of the TFM, in which case, rather than approaching solutions, we will try to make proposals to develop in the TFM. |

| Personalized attention | |
|---|---|
| Methodologies | Description |
| ICT practicals | Particular emphasis should be placed on the importance of the role of the tutor teacher, which is essential for the student to make the most of his or her stay, as well as to facilitate the relationship between the master's degree and the faculty and collaborating companies.<br><br>The internship requires the assignment of a professional tutor and an academic tutor. |

| Assessment | | | |
|---|---|---|---|
| Methodologies | Competencies | Description | Qualification |
| ICT practicals | B2 B3 B7 B9 C1 C2 | At the end of the internship, the student will submit a report listing and explaining in detail the tasks performed.<br><br>The professional tutor will deliver a report evaluating the student's activity. | 100 |

| Assessment comments |
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| Sources of information | |
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| Basic | - (). .<br>Dependerá da práctica específica e das necesidades adicionais de formación. |
| Complementary | |

| Recommendations |
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| Subjects that it is recommended to have taken before |
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| Subjects that are recommended to be taken simultaneously |
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| Subjects that continue the syllabus |
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| Other comments |
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(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.