



IDENTIFYING DATA

Computer vision I

Subject	Computer vision I			
Code	O06M193V01106			
Study programme	Máster universitario en Inteligencia artificial			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Mandatory	1st	1st
Teaching language	English			
Department				
Coordinator	Formella , Arno			
Lecturers	Formella , Arno			
E-mail	formella@uvigo.es			
Web	http://guiadocente.udc.es/guia_docent/index.php?centre=614&ensenyament=614544&consulta=assignatures&ny_academic=2023_24			
General description	(*) https://formella.webs.uvigo.es/doc/vci23			

Training and Learning Results

Code	
A1	CB6 - 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
A2	CB7 - Students should be 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.
A5	CB10 - That students possess the learning skills that will enable them to continue studying in a manner that will be largely self-directed or autonomous.
B1	Maintain and extend sound theoretical approaches to enable the introduction and exploitation of new and advanced technologies in the field of Artificial Intelligence.
B3	Search and select useful information needed to solve complex problems, handling with fluency the bibliographic sources of the field.
B5	Work in teams, especially multidisciplinary teams, and be skilled in time management, people management and decision making.
C23	Understanding and mastering the basic concepts and techniques of digital image processing.
C24	Ability to apply different techniques to computer vision problems.
C25	Knowledge and skills to design systems for detection, classification and tracking of objects in images and video.
C26	Understanding and mastery of the forms of representation of signals and images according to their data, as well as their fundamental characteristics and their forms of representation.
D3	Utilizar las herramientas básicas de las tecnologías de la información y las comunicaciones (TIC) necesarias para el ejercicio de su profesión y para el aprendizaje a lo largo de su vida.
D4	To develop for the exercise of a citizenship respectful of democratic culture, human rights and gender perspective.
D8	Value the importance of research, innovation and technological development in the socioeconomic and cultural progress of society.

Expected results from this subject

Expected results from this subject	Training and Learning Results
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New	A1 A2 A5 B1 B3 B5 C23 C24 C25 C26 D3 D4 D8
New	A1 A2 A5 B1 B3 B5 C23 C24 C25 C26 D3 D4 D8
New	A1 A2 A5 B1 B3 B5 C23 C24 C25 C26 D3 D4 D8
New	A1 A2 A5 B1 B3 B5 C23 C24 C25 C26 D3 D4 D8

Contents

Topic

Planning

Class hours

Hours outside the
classroom

Total hours

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

Description

Personalized assistance

Assessment		
Description	Qualification	Training and Learning Results
Other comments on the Evaluation		
Sources of information		
Basic Bibliography		
Complementary Bibliography		
Recommendations		