



## IDENTIFYING DATA

### Computer vision I

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

## 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

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**Contents**

Topic

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**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.

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**Methodologies**

Description

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**Personalized assistance**

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**Assessment**

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Description

Qualification

Training and Learning Results

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**Other comments on the Evaluation**

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**Sources of information**

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**Basic Bibliography**

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**Complementary Bibliography**

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**Recommendations**

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