

**COURSE DATA****Data Subject**

Code	44836
Name	Master's Thesis
Cycle	Master's degree
ECTS Credits	12.0
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. Period year
2234 - M.D. in Web Technology, Cloud Computing and Mobile Apps	School of Engineering	1 Annual

Subject-matter

Degree	Subject-matter	Character
2234 - M.D. in Web Technology, Cloud Computing and Mobile Apps	9 - Master's Thesis	End Labour Studies

Coordination

Name	Department
GUTIERREZ AGUADO, JUAN	240 - Computer Science

SUMMARY

The elaboration of an original Master's Final Project, under the tutoring of a Master's teacher, where the knowledge acquired throughout the course is embodied as an integrative or synthesis exercise and that delves into some specific themes relating to the Degree.

The Master's Final Project may be carried out on the execution, research, or development of subjects related to the master's curriculum.

A report should be prepared describing all the phases of the work carried out, and a public exhibition will be held before a tribunal appointed by the Academic Coordination Commission of the Master



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

Have completed most of the masters subjects.

OUTCOMES

2234 - M.D. in Web Technology, Cloud Computing and Mobile Apps

- Students can apply the knowledge acquired and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
- Students are able to integrate knowledge and handle the complexity of formulating judgments based on information that, while being incomplete or limited, includes reflection on social and ethical responsibilities linked to the application of their knowledge and judgments.
- Students can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- Students have the learning skills that will allow them to continue studying in a way that will be largely self-directed or autonomous.
- Students have the knowledge and understanding that provide a basis or an opportunity for originality in developing and/or applying ideas, often within a research context.
- Ability to apply acquired knowledge and solve problems in new or little-known environments within broader and multidisciplinary contexts, being able to integrate this knowledge.
- Capacity for the elaboration, planning, direction, coordination, technical and economic management and the implantation of Web projects.
- Ability to understand and apply ethical responsibility, legislation and professional ethics in the professional practice.
- To foster, in academic and professional contexts, technological, social or cultural advancement within a society based on In knowledge and respect for: a) fundamental rights and equal opportunities between men and women; b) principles of equal opportunities and universal accessibility of persons with disabilities; and, c) the values of a culture of peace and democratic values.
- Completion, presentation and defense, once obtained all the credits of the curriculum, of an original exercise carried out individually, consisting of an integral project which synthesizes the acquired competencies.



LEARNING OUTCOMES

- Demonstrate an in-depth knowledge of a specialization or a broad knowledge of computer science in general.
- Explain in depth relevant concepts and scientific principles of their field of study, some of which may be different from Informatics
- Demonstrate awareness of issues at the frontier of their expertise and assess their impact
- Apply appropriate methods of analysis to solve complex computer problems and evaluate their relevance
- Use fundamental knowledge to research new and emerging technologies and methodologies
- Obtain and analyze research data and use appropriate analytical tools to address unfamiliar problems, such as those containing uncertain or incomplete data or specifications, through innovation, use or adaptation of analytical methods.
- Apply innovative or established problem solving methods, possibly using other disciplines
- Demonstrate that you can think creatively to develop new and original designs, approaches, methods, etc.
- Identify appropriate legal, commercial, industrial, economic and / or social contexts for their area of study and explain their relevance
- Describe and explain techniques and methods applicable to their particular area of study and identify their limitations
- Contribute to the further development of Informatics
- Organize your own work independently, demonstrating initiative and exercising personal responsibility
- Perform bibliographic searches and reviews using databases and other sources of information
- Communicate effectively both verbally and through other media to a variety of audiences and preferably in a second language
- Learning and improving personal performance as the basis for lifelong learning and professional development
- Demonstrate awareness of the need for ethical professional conduct in computer science
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**WORKLOAD**

ACTIVITY	Hours	% To be attended
Graduation project		100
*Realización del Trabajo Fin de Máster	290,00	0
Seguimiento i tutorización del Trabajo Fin de Máster	9,00	0
Presentación y defensa del Trabajo Fin de Máster	1,00	0
TOTAL	300,00	

TEACHING METHODOLOGY**English version is not available****EVALUATION**

The evaluation system used in this course is:

SE5: Evaluation of the Master's Final Project.

It will take into account the work done, the degree of autonomy and the scientific-technical quality in the different phases of the project addressed and the presentation and public defense of the Master's Final Project. Specifically:

- Scientific and technical quality: 50%
- Documentation quality: 25%
- Oral presentation: 25%

The regulations of the center, that are related to formats, periods of inscription and defense can be found in the following link:

<http://www.uv.es/uvweb/engineering/en/postgraduate-courses/official-master-s-degrees-/master-s-degree-final-project-1285845343824.html>



The regulations of the UV on the Master's Final Project can be consulted in the following link:

http://www.uv.es/fatwireed/userfiles/file/Reglament_Treball_Fi_M%C3%A0ster_ang.pdf

The grading system is specified in the following link:

<http://www.uv.es/uvweb/college/en/postgraduate-courses/postgraduate-administrative-information/continuance-marks/marks-grades-1285897761928.html>

The applicable regulations can be found at the following link:

<http://www.uv.es/uvweb/college/en/undergraduate-studies/academic-information/regulations/university-valencia-legislation-1285850677111.html>
