VNIVERSITAT ID VALÈNCIA

COURSE DATA

Data Subject	
Code	43864
Name	Master's final project
Cycle	Master's degree
ECTS Credits	10.0
Academic year	2022 - 2023

Study (s)			
Degree	**Center**	**Acad. year**	**Period**
2174 - M.U. en Ingeniería de Telecomunicación 13-V.2	School of Engineering	2	Annual

Subject-matter		
Degree	**Subject-matter**	**Character**
2174 - M.U. en Ingeniería de Telecomunicación 13-V.2	18 - Master's final project	End Labour Studies

Coordination	
Name	**Department**
SAMPER ZAPATER, JOSE JAVIER	240 - Computer Science

SUMMARY

The aim of the Master Thesis is to improve the students' skills regarding research tasks: locating andsearching literature sources about a given topic, formulation and development of problem specifications, writing and reviewing technical documents and effective oral defense of the results of their work.

The type of work to be developed can be quite variable, although always within the lines marked by the objectives and competences established for the Master's Degree, therefore, should have a focus on Information and Communication Technologies (ICT). In any case, it can be said that the final objective of this module is to apply the competences acquired during the studies to the research activity and its own creation, either with a professional orientation or of a research nature.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

There are no specified enrollment restrictions with other subjects of the curriculum.
Other requirements:
The student should have finished at least 40 ECTS related to courses in the Master

OUTCOMES

2174 - M.U. en Ingeniería de Telecomunicación 13-V.2

- To have critical thinking capabilities to investigate independently and self-critically, and to search and utilize information for documenting ideas.

- To have the ability of standing up for fair criteria with rigor and arguments, reporting them publicly in a clear way and in a multilingual environment.

- To have the ability to participate in diffusion forums, journals, conferences, etc. and to work cooperatively and effectively in transnational teams.

- To have the capability to identify and solve the critical points to conduct an effective technology transfer, transforming theoretical results into products and services that are useful for the society.

- Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

- Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

- Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

- Students should demonstrate self-directed learning skills for continued academic growth.

- Students should possess and understand foundational knowledge that enables original thinking and research in the field.

- Be able to access to information tools in other areas of knowledge and use them properly.

- To be able to assess the need to complete the scientific, historical, language, informatics, literature, ethics, social and human background in general, attending conferences, courses or doing complementary activities, self-assessing the contribution of these activities towards a comprehensive development.

- Development, presentation and defense, once all the credits of the curriculum have been completed, of an original and individual work before an academic jury, which must be an integral telecommunication project of professional character that synthesizes all the acquired competences.

LEARNING OUTCOMES

Perform a research study of the state-of-the-art in a given topic, or a novel application-oriented work, searching and differentiating between several information sources and their impact.

State clearly, both orally and in writing, and defend in front of a committee an original research and/or development work in the field of information technologies and communications.

WORKLOAD

ACTIVITY	Hours	% To be attended
Graduation project		100
Development of a final project	150,00	0
TOTAL	150,00	

TEACHING METHODOLOGY

MD4.- Master's Thesis. Individual and original work of the student and related to the use and development of methodologies and techniques learned and skills acquired.

The activities to perform in this course are mainly based on the student's own work, where the aim is tofinish the Master Thesis:

AF7.- Preparation of presentation of Master's Thesis.

AF8.- Public exhibition of Master's Thesis.

Each student will have a tutor assigned by the 'Comisión Académica del Máster', which will act as Master Thesis advisor, providing guidance when needed.

EVALUATION

It shall be addressed by the regulations of the University and the specific of this master.

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All documents are on the website of the master (TFM (Master's Thesis) section):

http://www.uv.es/uvweb/master-ingenieria-telecomunicacion/es/programa-del-master/trabajo-fin-master/normativa-impresos-1285887393679.html

SE4.- The evaluation will be based on the presentation and individual defense when the rest of credits of the curriculum are approved. The work will be an original research work carried out individually.

The Master's Thesis will be evaluated by three master´s professors, considering the report made by the tutor.

Before Master's Thesis 's defense, it must be deposited a report documenting the tasks carried out during the preparation of the work. The memory must be an original document, written following a scientific-technical format.

The evaluation will consider the following criteria:

• Difficulty of the tasks and the level of competences applied in its development.

• Quality of memory (documentation) , both formal and technical issues

• Exhibition and public defense

The specific details of assessment are available at:

http://www.uv.es/etsedoc/Masteres/TFM/TFM-%20english/Detalle%20de%20la%20evaluaci%f3n%20del%20TFM%20tribunal-eng.doc

In any case, the system of evaluation will be ruled by the established in the Regulation of Evaluation and Qualification of the University of Valencia for Degrees and Masters:

(http://www.uv.es/graus/normatives/2017_108_Reglament_avaluacio_qualificacio.pdf).

REFERENCES

Basic

- Dissertation Writing for Engineers and Scientists. Mark Breach. Pearson Prentice-Hall. 2009.
- Guide to the Successful Thesis and Dissertation: A Handbook For Students And Faculty, Fifth Edition. James E. Mauch and Namgi Park. CRC Press. 2003.