

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

Code	43517
Name	Master's final project
Cycle	Master's degree
ECTS Credits	12.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
2160 - M.U. en Planific. y Gestión de Procesos Empresariales 12-V.2	Faculty of Mathematics	2	First term

Subject-matter

Degree	Subject-matter	Character
2160 - M.U. en Planific. y Gestión de Procesos Empresariales 12-V.2	10 - Master's final project	End Labour Studies

Coordination

Name	Department
ALVAREZ-VALDES OLAGUIBEL, RAMON	130 - Statistics and Operational Research

SUMMARY

El Trabajo Final de Master se ajustará a una de estas dos posibles opciones:

- Trabajo basado en la actividad realizada en las prácticas externas.
- Trabajo científico de carácter más teórico que le sirva de iniciación a tareas investigadoras.

PREVIOUS KNOWLEDGE



Relationship to other subjects of the same degree

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

Other requirements

OUTCOMES

2160 - M.U. en Planific. y Gestión de Procesos Empresariales 12-V.2

- Be 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 knowledge and judgments.
- Know how to communicate conclusions and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- 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.
- Participate in, lead and coordinate debates and discussions, be able to summarize them and extract the most relevant conclusions accepted by the majority.
- Use different presentation formats (oral, written, slide presentations, boards, etc.) to communicate knowledge, proposals and positions.
- To know how to apply acquired knowledge and solve problems in new or unfamiliar situations within wider contexts (or multidisciplinary) related with their field of study.
- Carry out and coordinate projects for technological improvement and innovation in management.
- Propose and/or identify new technologies and evaluate their potential impact on current processes.
- Be able to model real situations as mathematical formulations, especially those involving decision making in complex scenarios.
- Be able to synthesise and communicate the results, the conclusions of models and the solutions proposed in a rigorous and clear manner.



- Be able to actively search for relevant information about the environment and the company, using different sources and procedures.
- Take a critical and analytical attitude and a future-oriented perspective, based on the anticipation of feasible competitive scenarios.
- Show creativity when facing the resolution of complex problems and be able to evaluate the implications that the alternatives designed may have on the different agents involved.

LEARNING OUTCOMES

Al finalizar el proceso de enseñanza-aprendizaje el estudiante habrá aprendido a:

- 1: Analizar y resolver los problemas de gestión mediante la creación y validación de los modelos adecuados.
- 2: Gestionar la información, con especial énfasis en la información cuantitativa. Diseñar adecuadamente el proceso de adquisición y tratamiento de los datos.
- 3: Proponer y/o identificar nuevas tecnologías y evaluar su posible impacto sobre los procesos actuales.
- 4: Ser capaz de sintetizar y comunicar los resultados, las conclusiones de los modelos y las soluciones propuestas de una forma rigurosa y clara.

WORKLOAD

ACTIVITY	Hours	% To be attended
Tutorials	40,00	100
Other activities	10,00	100
Development of a final project	250,00	0
TOTAL	300,00	

TEACHING METHODOLOGY

El estudiante desarrollará su trabajo personal bajo la supervisión de su tutor, un profesor del Master especialista en el tema elegido, que le asesorará en el planteamiento del trabajo, la búsqueda bibliográfica, el desarrollo del proyecto y la redacción del texto.

Dependiendo del tipo y del tema del trabajo, habrá de estudiar el caso práctico que le sirva de base al trabajo, leer la bibliografía pertinente y discutirla con su tutor/a, y utilizar las herramientas informáticas adecuadas en cada caso.



EVALUATION

El Trabajo Final de Máster se presentará por escrito y se defenderá oralmente ante el Tribunal correspondiente, de acuerdo con la Normativa de la Universidad de Valencia.

En la evaluación se tendrá en cuenta el Informe que presentará el tutor previamente al acto de presentación oral del Trabajo. Dicho informe tendrá un peso del 10% en la nota final.

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

English version is not available