Goi Eskola Politeknikoa | Mondragon Unibertsitatea
Course: 2023 / 2024 - Course planning

[MSG005] Research project management

GENERAL INFORMATION

Studies	MASTER DEGREE IN SMART ENERGY SYSTEMS		**Subject**	Methodological Research Foundations
Semester	1	**Course** 2	**Mention / Field of specialisation**	???
Character	OPTIONAL			
Plan	2022	**Modality** Face-to-face	**Language**	CASTELLANO
Credits	3	**Hours/week** 0	**Total hours**	20 class hours + 55 non-class hours = **75 total hours**

PROFESSORS

(No professor appointed)

REQUIRED PREVIOUS KNOWLEDGE

Subjects	**Knowledge**
(No specific previous subjects required)	*(No previous knowledge required)*

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
MSRA19 - To demonstrate capacity for the management of technological Research, Development and Innovation		x		0,6
MSR125 - To have and understand knowledge which provides a base or opportunity to be original in the development and/or application of ideas, often in an investigation context	x	x		0,6
MSR126 - To apply the knowledge acquired and your problem-solving skills in new, little-known or changing environments within broader (or multidisciplinary) contexts related to your area of study		x		0,6
MSR128 - To communicate your conclusions and the knowledge and ultimate reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way		x		0,6
MSR129 - To possess the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous		x		0,6
			Total:	**3**

KC: Knowledge or Content / SK: Skills / AB: Abilities

SECONDARY LEARNING RESULTS

RSM005 [!] *Demostrar capacidad para la gestión de la Investigación, Desarrollo e Innovación tecnológica*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams		11 h.	11 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4 h.		4 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

CH - Class hours: 4 h.
NCH - Non-class hours: 11 h.
TH - Total hours: 15 h.

RSM006 [!] *Poseer y comprender conocimientos que aporten una base u oportunidad de ser originales en el desarrollo y/o aplicación de ideas, a menudo en un contexto de investigación*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams		11 h.	11 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4 h.		4 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS

Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

CH - Class hours: 4 h.
NCH - Non-class hours: 11 h.
TH - Total hours: 15 h.

RSM007 **[!]** *Aplicar los conocimientos adquiridos y su capacidad de resolución de problemas en entornos nuevos, poco conocidos o cambiantes dentro de contextos más amplios (o multidisciplinares) relacionados con su área de estudio*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams		11 h.	11 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4 h.		4 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

CH - Class hours: 4 h.
NCH - Non-class hours: 11 h.
TH - Total hours: 15 h.

RSM008 **[!]** *Comunicar sus conclusiones y los conocimientos y razones últimas que las sustentan a públicos especializados y no especializados de un modo claro y sin ambigüedades*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams		11 h.	11 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4 h.		4 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

CH - Class hours: 4 h.
NCH - Non-class hours: 11 h.
TH - Total hours: 15 h.

RSM009 **[!]** *Poseer las habilidades de aprendizaje que les permitan continuar estudiando de un modo que habrá de ser en gran medida autodirigido o autónomo*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams		11 h.	11 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4 h.		4 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS

Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	*(No mechanisms)*

CH - Class hours: 4 h.
NCH - Non-class hours: 11 h.
TH - Total hours: 15 h.

CONTENTS

1.Introduction and basic definitions

2. The financing of a research or transfer project.

3. The scientific quality of projects

4. Proposal planning

5. Funding opportunities in Europe

6. Experiences in leading a proposal

7. Evaluation of the proposal

8. Financial management

9. Funding opportunities in the BAC and GSA

10. Reading and interpreting the call for proposals

11. Entrepreneurship

12. Intellectual and Industrial Property

13. Practical case

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Class presentations	Ley de la ciencia y la tecnología, MICINN, http://www.boe.es/boe/dias/2011/06/02/pdfs/BOE-A-2011-9617.pdf
	Marco comunitario sobre ayudas estatales de investigación y desarrollo e innovación, Diario Oficial de la Unión Europea (2006/C 323/01)
	Manual de Frascati, OECD Publications Service, 2002, http://www.uis.unesco.org/Library/Documents/OECDFrascatiManual02_en.pdf.
	Norma UNE 166001: 2006 Gestión de la I+D+i: Requisitos de proyectos de I+D+I, Ed. AENOR, 2006.
	Plan de Ciencia, Tecnología e Innovación del Gobierno Vasco, PCTI 2015: http://www.euskadinnova.net/es/innovacion-tecnologica/ambitos-actuacion/pcti-2015/163.aspx
	Ayudas I+D+i Administración General del Estado: http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.94f5cc1dd5adb3dc81ebe0100 1 432ea0/?vgnextoid=db55b9746e160210VgnVCM1000001034e20aRC RD
	Research & Innovation – European Commission: http://ec.europa.eu/research