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

[MNG004] RESEARCH PROJECT MANAGEMENT

GENERAL INFORMATION

Studies	MASTER DEGREE IN DATA ANALYSIS, CYBERSECURITY AND CLOUD COMPUTING	**Subject**	Methodological Research Foundations
Semester	1	**Course**	2
Character	OPTIONAL	**Mention / Field of specialisation**	???
Plan	2019	**Modality**	Adapted Face-to-face
		Language	EUSKARA/CASTELLANO
Credits	3	**Hours/week**	0
		Total hours	20 class hours + 55 non-class hours = **75 total hours**

PROFESSORS

URIBEETXEBERRIA EZPELETA, ROBERTO

REQUIRED PREVIOUS KNOWLEDGE

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

SKILLS

VERIFICA SKILLS

SPECIFIC

MNCE17 - Ability to manage Research, Development, and technological Innovation.

BASIC

M_CB10 - To have learning skills and the capacity for self-guided or independent subsequent learning.

M_CB6 - 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

M_CB7 - To know how to apply the acquired knowledge and competencies and the ability to solve problems in new or unfamiliar contexts within wider (or multidisciplinary) environments related to their field of study

M_CB9 - To share knowledge, conclusions and their rationale with specialised and lay audiences in a clear, unambiguous manner

LEARNING RESULTS

RNM007 [!] *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.

RNM008 [!] *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,	100%	Reports on the completion of exercises, case studies, computer

computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

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.

RNM009 [!] *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.

RNM010 [!] *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.

RNM011 [!] *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	100%	*(No mechanisms)*

exercises, term projects, challenges and problems

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.minec o.gob.es/portal/site/MICINN/menuitem.94f5cc1dd5adb3dc81ebe010 0 1 432ea0/?vgnextoid=db55b9746e160210VgnVCM1000001034e2 0aRC RD
	Research & Innovation – European Commission: http://ec.europa.eu/research