

SUBJECT TEACHING GUIDE

353 - Management Methods In Information

Master's Degree in Mathematics and Computing

Academic year 2024-2025

1. IDENTIFYING DATA					
Degree	Master's Degree in Mathematics and Computing			Type and Year	Compulsory. Year 1
Faculty	Faculty of Sciences				
Discipline					
Course unit title and code	353 - Management Methods In Information				
Number of ECTS credits allocated	3	Term	Semester based (1)		
Web	https://personales.unican.es/crespoj/informacion/index.html				
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. MATEMATICA APLICADA Y CIENCIAS DE LA COMPUTACION				
Name of lecturer	JOSE LUIS CRESPO FIDALGO				
E-mail	luis.crespo@unican.es				
Office	E.T.S. de Ingenieros Industriales y de Telecomunicación. Planta: - 4. DESPACHO JOSE LUIS CRESPO FIDALGO (S4042)				
Other lecturers					

3.1 LEARNING OUTCOMES
- Put information and data aggregation and processing into context
- Set up information management policies for a project
- Understanding of main file format standards
- Basic database management and usage

4. OBJECTIVES

Foresee ethical implications related to information management
Efficient database design
Primer on the value of information: statistics, visualization and machine learning

6. SUBJECT PROGRAM

CONTENTS

1	Information management landscape
2	Data management plan
3	Main file format standards
4	Databases
5	Data usage and processing

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Homework and/or in-class tasks	Others	No	Yes	55,00
Exams	Written exam	No	Yes	45,00
TOTAL				100,00
Observations				
The way to make up for low in-class grades is to expand the exams as instructed by the teacher. The way to make up for a low grade is a makeup exam. Should any prevailing requirements forbid face-to-face evaluation, number, weights, conditions and exercise types would vary.				
Observations for part-time students				
Students that are unable to attend classes or to prepare tasks, may opt for a makeup exam.				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

Se proporcionarán referencias particulares a los alumnos según vayamos avanzando en el curso