

COURSE DETAIL

DATA PROTECTION AND CYBERSECURITY

Country

Spain

Host Institution

Carlos III University of Madrid

Program(s)

Carlos III University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

135

UCEAP Course Suffix**UCEAP Official Title**

DATA PROTECTION AND CYBERSECURITY

UCEAP Transcript Title

DATA PROTECTION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of the fundamentals of data protection and the principles of cybersecurity. Topics include cryptographic techniques to ensure the confidentiality, integrity, and authenticity of data, analysis of vulnerabilities, threats, and attacks in systems and networks, and design and implementation of appropriate defense, detection, and response measures. This course also explores the legal and regulatory frameworks related to data protection and how to apply them in practice.

Language(s) of Instruction

English

Host Institution Course Number

16495

Host Institution Course Title

PROTECCIÓN DE DATOS Y CIBERSEGURIDAD

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=350&anio=2025&plan=392&asig=16...>

Host Institution Campus

LEGANÉS

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ciencia e Ingeniería de Datos

Host Institution Department

Departamento de Ingeniería Telemática

Course Last Reviewed

2025-2026

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