

COURSE DETAIL

CRYPTOGRAPHY

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)

Mathematics Computer Science

UCEAP Course Number

126

UCEAP Course Suffix**UCEAP Official Title**

CRYPTOGRAPHY

UCEAP Transcript Title

CRYPTOGRAPHY

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers an introduction to cryptography. Topics include: mathematical foundations of cryptography; classic cryptography; symmetric encryption; key distribution and asymmetric encryption; hash functions, MAC, and authenticated encryption; digital signatures schemes; public key infrastructure; user authentication.

Language(s) of Instruction

English

Host Institution Course Number

18263

Host Institution Course Title

CRIPTOGRAFÍA

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=362&anio=2023&plan=433&asig=18...>

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Matemática Aplicada y Computación

Host Institution Department

Informática

Course Last Reviewed

2023-2024

[Print](#)