UE Introduction to cryptology

Level
Baccalaureate +4

ECTS
3 credits

Component
UFR IM2AG (informatique, mathématiques et mathématiques appliquées)

Semester
Printemps

- **Teaching language(s):** English
- **Teaching type:** Lectures
- **Open to exchange students:** Yes
- **Code d'export Apogée:** GBIN8U16

Presentation

Description

To acquire the main theoretical and practical notions of modern cryptography: from notions in algorithmic complexity and information theory, to a general overview on the main algorithms and protocols in symmetric and asymmetric cryptography.

Course parts

CM	Lectures (CM)	16,5h
TD	Tutorials (TD)	13,5h
TP	Practical work (TP)	3h

Recommended prerequisites

Basic algebra, arithmetic (integers, primality, polynomials), algorithms and complexity

Period : Semester 8

Useful info

Contacts

Program director

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Place

Grenoble

Campus

Grenoble - University campus