

COURSE DETAIL

CRYPTOLOGY

Country

United Kingdom - England

Host Institution

University of Bristol

Program(s)

University of Bristol

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

128

UCEAP Course Suffix

N

UCEAP Official Title

CRYPTOLOGY

UCEAP Transcript Title

CRYPTOLOGY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Cryptology—the modern discipline that combines construction and evaluation of cryptographic mechanisms—is a highly interdisciplinary field, deeply rooted in mathematics, but with branches in electronic engineering, computer science, and software and systems engineering. The course introduces fundamental aspects of cryptology from a modern perspective, focusing on design and security aspects of cryptographic schemes used for secure two-party communication, and of their underlying primitives.

Language(s) of Instruction

English

Host Institution Course Number

COMS30023

Host Institution Course Title

CRYPTOLOGY

Host Institution Course Details

<https://www.bristol.ac.uk/unit-programme-catalogue/UnitDetails.jsa?ayrCode=25/2...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

2025-2026

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