

COURSE DETAIL

COMPUTER SECURITY

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

Intern: Scotland, University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

122

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER SECURITY

UCEAP Transcript Title

COMPUTER SECURITY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

Computer security is concerned with the protection of computer systems and their data from threats which may compromise integrity, availability, or confidentiality; the focus is on threats of a malicious nature rather than accidental. This course gives students a broad understanding of computer security. Topics include security risks, attacks, prevention, and defense methods; techniques for writing secure programs; and an overview of the foundations for cryptography, security protocols, and access control models.

Language(s) of Instruction

English

Host Institution Course Number

INFR10067

Host Institution Course Title

COMPUTER SECURITY

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Informatics

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