

COURSE DETAIL

CRYPTOGRAPHY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

157

UCEAP Course Suffix**UCEAP Official Title**

CRYPTOGRAPHY

UCEAP Transcript Title

CRYPTOGRAPHY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course provides a background on the fundamentals of cryptography for those interested in carrying out cryptographic research or employing cryptographic security. Course topics include classical cryptography, Shannon's theory of secrecy, shift register theory and stream ciphers, public key cryptography, authentication codes, and secret sharing. Students must also complete a course project.

Language(s) of Instruction

English

Host Institution Course Number

EDIN01

Host Institution Course Title

CRYPTOGRAPHY

Host Institution Campus

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Engineering - Electrical and Information Technology

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