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 Course Details
https://www.eit.lth.se/course/edin01

Host Institution Campus

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department
Engineering - Electrical and Information Technology

Course Last Reviewed
2022-2023

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