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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