

COURSE DETAIL

INFORMATION SECURITY

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

113

UCEAP Course Suffix**UCEAP Official Title**

INFORMATION SECURITY

UCEAP Transcript Title

INFORMATION SECURITY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides the students with comprehensive, in-depth knowledge about information and computer security. The course covers the following topics: the main security properties such as confidentiality, integrity, authenticity; fundamental security terminology that is essential to read security news, bulletins, and to apprehend advanced techniques; the main attacks to computer and information security; the main security solutions and their underlying principles; risk analysis to determine the most adequate set of security solutions for a given context; applying state-of-the-art techniques to design secure software systems.

Language(s) of Instruction

English

Host Institution Course Number

INFOB3INSE

Host Institution Course Title

INFORMATION SECURITY

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information and Computing Sciences

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