

COURSE DETAIL

MACHINE LEARNING II

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

110

UCEAP Course Suffix

B

UCEAP Official Title

MACHINE LEARNING II

UCEAP Transcript Title

MACHINE LEARNING II

UCEAP Quarter Units

8.50

UCEAP Semester Units

5.70

Course Description

This lecture covers advanced topics in machine learning, with a particular emphasis on practical applications. Several successful applications of machine learning are discussed, highlighting their specific characteristics. Topics covered include, among others, semi-supervised learning, boosting methods, optimization theory, kernel methods for structured data, and graphical models. Examples of successful applications include bioinformatics, computer security, and text mining.

Language(s) of Instruction

English

Host Institution Course Number

0434 L 503

Host Institution Course Title

MACHINE LEARNING 2

Host Institution Course Details

<https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Institut für Softwaretechnik und Theoretische Informatik

Course Last Reviewed

2025-2026

[Print](#)