

COURSE DETAIL

MATHEMATICAL LOGIC

Country

Norway

Host Institution

University of Oslo

Program(s)

University of Oslo

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

MATHEMATICAL LOGIC

UCEAP Transcript Title

MATHEMATICAL LOGIC

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

The content of this course contains first order logic up to proofs of the completeness and incompleteness theorems. Students become familiar with the syntax and semantics of first-order logic, completeness theorem of first-order logic, compactness theorem and basic model theory, and Gödel's first incompleteness theorem.

Language(s) of Instruction

English

Host Institution Course Number

MAT-INF3600

Host Institution Course Title

MATHEMATICAL LOGIC

Host Institution Course Details

Host Institution Campus

Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

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