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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