COURSE DETAIL

LOGIC

Country
United Kingdom - England

Host Institution
University of Bristol

Program(s)
University of Bristol

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
128

UCEAP Course Suffix

UCEAP Official Title
LOGIC

UCEAP Transcript Title
LOGIC

UCEAP Quarter Units
8.00

UCEAP Semester Units
5.30

Course Description

The course covers the basic model theory and proof theory of 1st order languages, the Gödel Completeness Theorem and the Godel Incompleteness Theorems characterizing the non-provability of the consistency of a formal system within that system. These theorems are the foundations of 20th century logic.

Language(s) of Instruction
English

Host Institution Course Number
MATH30100

Host Institution Course Title
LOGIC

Host Institution Campus
Bristol

Host Institution Faculty

Host Institution Degree
bachelors

Host Institution Department
Mathematics

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