

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 Gödel 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 Course Details

<https://www.bris.ac.uk/unit-programme-catalogue/UnitDetails.jsa?ayrCode=21%2F22...>

Host Institution Campus

Bristol

Host Institution Faculty

Host Institution Degree

bachelors

Host Institution Department

Mathematics

Course Last Reviewed

2021-2022

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