

COURSE DETAIL

LOGIC

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Philosophy

UCEAP Course Number

114

UCEAP Course Suffix**UCEAP Official Title**

LOGIC

UCEAP Transcript Title

LOGIC

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course is an introduction to logic. The course uses formal methods to make the notion of "validity" precise in two systems of logic: propositional logic and predicate logic. It covers how to identify the logical form of arguments and then learn how to check their validity. The course also covers basic concepts in meta-logic, set theory, and modal logic. It considers issues in philosophical logic, employing formal methods to serve philosophical ends. Students look at how logic can aid us in reckoning with philosophical puzzles, such as, vagueness, indeterminacy, identity, and existence.

Language(s) of Instruction

English

Host Institution Course Number

PIU 22021

Host Institution Course Title

LOGIC

Host Institution Campus

Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Philosophy

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