

COURSE DETAIL

MODAL LOGIC AND ITS APPLICATIONS

Country

China

Host Institution

Tsinghua University

Program(s)

Tsinghua University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Philosophy

UCEAP Course Number

162

UCEAP Course Suffix**UCEAP Official Title**

MODAL LOGIC AND ITS APPLICATIONS

UCEAP Transcript Title

MODEL LOGIC & APPS

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

Among the many fields of modern logic research, modal logic has been deeply applied in many fields from humanities to software design because of its good balance between expressiveness and complexity. In this course, the concepts and methods of modal logic will be introduced with its application in modeling time, knowledge, necessity, and social behavior. In this way, students will be brought into an environment similar to actual research and experience the interaction between different concepts and needs in theory and practice. This course will guide students to become familiar with classic textbooks, manuals, and important articles, and enable students to explore and learn deeper content on their own when they have further interest.

Language(s) of Instruction

English

Host Institution Course Number

30690562

Host Institution Course Title

MODAL LOGIC AND ITS APPLICATIONS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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