

COURSE DETAIL

GRADUATE STATISTICAL MECHANICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

175

UCEAP Course Suffix**UCEAP Official Title**

GRADUATE STATISTICAL MECHANICS

UCEAP Transcript Title

GRAD STAT MECHANICS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines advanced topics in equilibrium statistical physics. Topics include ensemble theory; theory of simple gases, ideal bose systems, ideal fermi systems; statistical mechanics of interacting systems; statistical field theory; and some topics in the theory of phase transition may be selected.

Language(s) of Instruction

English

Host Institution Course Number

PHYS7550

Host Institution Course Title

GRADUATE STATISTICAL MECHANICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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