

COURSE DETAIL

STATISTICAL MECHANICS

Country

United Kingdom - England

Host Institution

King's College London

Program(s)

King's College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

113

UCEAP Course Suffix

UCEAP Official Title

STATISTICAL MECHANICS

UCEAP Transcript Title

STATISTCL MECHANICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces the basic concepts and tools of Statistical Mechanics at equilibrium. Lectures provide an overview of the powerful methods used to describe systems with a large number of degrees of freedom, with many different examples. Students learn how to build an intuitive and physical understanding of technical and mathematical aspects developed in this course.

Language(s) of Instruction

English

Host Institution Course Number

6CCP3212

Host Institution Course Title

STATISTICAL MECHANICS

Host Institution Course Details

<https://www.kcl.ac.uk/abroad/module-options/statistical-mechanics-1>

Host Institution Campus

King's College London/ Strand Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physics

Course Last Reviewed

2022-2023

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