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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