

COURSE DETAIL

SYMMETRY IN PHYSICS

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

130

UCEAP Course Suffix**UCEAP Official Title**

SYMMETRY IN PHYSICS

UCEAP Transcript Title

SYMMETRY IN PHYSICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course teaches symmetries and group theory, and their applications to physical problems – from basic discrete groups, representation theory, and Lie groups and algebras. This course also includes formal mathematical concepts.

Students learn about group theory and formal mathematics, giving them a firm framework for further study.

Language(s) of Instruction

English

Host Institution Course Number

5CCP2332

Host Institution Course Title

SYMMETRY IN PHYSICS

Host Institution Course Details

<https://www.kcl.ac.uk/abroad/module-options/module?id=72526037-d14a-4f25-932a-2...>

Host Institution Campus

King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physics

Course Last Reviewed

2024-2025

[Print](#)