

COURSE DETAIL

PARTICLE 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

118

UCEAP Course Suffix**UCEAP Official Title**

PARTICLE PHYSICS

UCEAP Transcript Title

PARTICLE PHYSICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The aim of this introductory course in Particle Physics is to develop a basic understanding of the Standard Model of Particle Physics and how it has been tested experimentally. Students learn the basic structure of the Standard Model in terms of symmetry and how this leads to definite predictions for the interactions and properties of elementary particles which can be tested experimentally.

Language(s) of Instruction

English

Host Institution Course Number

6CCP3241

Host Institution Course Title

PARTICLE PHYSICS

Host Institution Course Details

<https://www.kcl.ac.uk/abroad/module-options/particle-physics-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

[Print](#)