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

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