

COURSE DETAIL

PHYSICS 1B: THE STUFF OF THE UNIVERSE

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

53

UCEAP Course Suffix

B

UCEAP Official Title

PHYSICS 1B: THE STUFF OF THE UNIVERSE

UCEAP Transcript Title

PHYS 1B: UNIVERSE

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This is an introductory-level course, giving an overview of a range of topics, including thermal physics, waves, elementary quantum mechanics, properties of matter, nuclear and particle physics, and astrophysics. The course is designed for those with qualifications in physics and mathematics at SCE Higher level or equivalent. It serves both as a preparation for further study in physics-based degree courses, and as a stand-alone course for students of other disciplines, including (but not limited to) mathematics, chemistry, computer science and engineering. The course includes an experimental laboratory element, Experimental Physics 1.

Language(s) of Instruction

English

Host Institution Course Number

PHYS08017

Host Institution Course Title

PHYSICS 1B: THE STUFF OF THE UNIVERSE

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

School of Physics and Astronomy

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