

# 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 Course Details**

<https://www.ed.ac.uk/global/study-abroad/course/index.php?submitted=yes&showadv...>

### **Host Institution Campus**

Edinburgh

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

School of Physics and Astronomy

### **Course Last Reviewed**

2021-2022

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