

# COURSE DETAIL

## ELECTROMAGNETISM AND RELATIVITY

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

177

**UCEAP Course Suffix**

Y

**UCEAP Official Title**

ELECTROMAGNETISM AND RELATIVITY

**UCEAP Transcript Title**

ELECTROMAG&RELATVITY

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

### **Course Description**

This is a two-semester course on the classical interactions of light and matter (electromagnetism), and the relationship between space and time (special relativity). The focus of the course is similarly twofold; there is emphasis on developing skills to solve physical problems, and on the close interplay between mathematical results and physical laws.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

PHYS10093

### **Host Institution Course Title**

ELECTROMAGNETISM AND RELATIVITY

### **Host Institution Campus**

Edinburgh

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Physics and Astronomy

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