# COURSE DETAIL

## PHYSICS FOR LIFE SCIENCES 2

**Country**
United Kingdom - Scotland

**Host Institution**
University of Glasgow

**Program(s)**
Glasgow Summer Physics

**UCEAP Course Level**
Lower Division

**UCEAP Subject Area(s)**
Physics

**UCEAP Course Number**
17

**UCEAP Course Suffix**
S

**UCEAP Official Title**
PHYSICS FOR LIFE SCIENCES 2

**UCEAP Transcript Title**
PHYSICS: LIFE SCI 2

**UCEAP Quarter Units**
4.00

**UCEAP Semester Units**

2.70

**Course Description**

This is a calculus-based physics course with a laboratory component for international summer students. This is the second of a two-course sequence. This intensive course introduces fundamental concepts of physics in the areas of: dynamics & relativity; fluids, waves & sound; heat & thermodynamics; and geometrical & wave optics as a foundation for more advanced studies in Physics and applications in other areas of science. Competence in calculus as well as algebra, geometry, and trigonometry is essential.  This course provides a solid understanding of main physics topics and introduces methods of experimental physics. It provides a good foundation of basic physics for aspiring Physicists as well as being applicable to other areas of science and technology.

**Language(s) of Instruction**
English

**Host Institution Course Number**
PHYS 1021

**Host Institution Course Title**
PHYSICS FOR LIFE SCIENCES 2

**Host Institution Course Details**
https://uceap.sharepoint.com/:b:/s/DocumentLibrary/Ef5qwhZU_idOm-Skdyc38BgBXuUF...

**Host Institution Campus**
University of Glasgow

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
International Summer School

**Course Last Reviewed**
2022-2023

Print