

COURSE DETAIL

PHYSICS FOR LIFE SCIENCES 1

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

16

UCEAP Course Suffix

S

UCEAP Official Title

PHYSICS FOR LIFE SCIENCES 1

UCEAP Transcript Title

PHYSICS: LIFE SCI 1

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 first 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 1

Host Institution Campus

University of Glasgow

Host Institution Faculty

Host Institution Degree

Host Institution Department

International Summer School

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