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 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

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