

COURSE DETAIL

BIOMEDICINE AND GENOMICS

Country

United Kingdom - England

Host Institution

University of Sussex

Program(s)

Summer in Sussex

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

105

UCEAP Course Suffix

S

UCEAP Official Title

BIOMEDICINE AND GENOMICS

UCEAP Transcript Title

BIOMEDICINE&GENOMIC

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

In this course, learn about fundamental principles in cell and molecular biology. Extending to workshops in R, you'll cultivate essential research skills. Learn about advanced techniques such as CRISPR and qPCR through laboratory sessions. Participate in journal clubs and collaborative student presentations, refining critical employability skills. Enjoy lectures on contemporary research topics such as RNA vaccines in oncology and ethical considerations in AI, delivered by industry experts. With interactive teaching and learning approaches, industry visits, workshops, seminars, and active learning methodologies, this course gives students an employability-focused, current research-led course.

Language(s) of Instruction

English

Host Institution Course Number

IS454

Host Institution Course Title

BIOMEDICINE AND GENOMICS

Host Institution Course Details

<https://www.sussex.ac.uk/study/study-abroad-at-sussex/our-programs/summer-school...>

Host Institution Campus

University of Sussex

Host Institution Faculty

Life Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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