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-schoo...

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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