

COURSE DETAIL

STEM CELLS AND BRAIN DEVELOPMENT: HOW DOES YOUR BRAIN GROW?

Country

United Kingdom - England

Host Institution

University of Cambridge, Pembroke College

Program(s)

Summer in Cambridge

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

103

UCEAP Course Suffix

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UCEAP Official Title

STEM CELLS AND BRAIN DEVELOPMENT: HOW DOES YOUR BRAIN GROW?

UCEAP Transcript Title

STEM CELL&BRAIN DEV

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides insights into the fascinating world of stem cells and their applications in brain research and clinics. Students follow the life of a cell from embryogenesis to neurogenesis in the adult brain. Students learn directly from scientists how to apply advanced techniques to research, how to build disease models, and the ethical limitations concerning stem cell research. A broad part of the course is directed to debates about working with animal models and stem cells, applications of “mini-brains”, and the role of women in science.

Language(s) of Instruction

English

Host Institution Course Number**Host Institution Course Title**

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Host Institution Course Details

<https://www.pem.cam.ac.uk/international-programmes/pembroke-cambridge-summer-pr...>

Host Institution Campus

Pembroke College

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Biology

Course Last Reviewed

2022-2023

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