

# 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**

S

**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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