

COURSE DETAIL

MECHANISMS OF BRAIN DEVELOPMENT 3

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

Scottish Universities, University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

137

UCEAP Course Suffix**UCEAP Official Title**

MECHANISMS OF BRAIN DEVELOPMENT 3

UCEAP Transcript Title

MECHANISM BRAIN DEV

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course includes study of the following topics: mechanisms of development of the nervous system from neural tube formation to adulthood; genetic regulation of neuronal differentiation; cell proliferation, cell death, and cell migration; neurite extension; synaptogenesis; activity-dependent regulation of gene expression; neural anatomy; physiology and behavior; conservation of mechanisms from invertebrates to mammals; and techniques employed for studying neural development.

Language(s) of Instruction

English

Host Institution Course Number

BIME09005

Host Institution Course Title

MECHANISMS OF BRAIN DEVELOPMENT 3

Host Institution Course Details**Host Institution Campus**

Edinburgh

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

Biomedical Sciences

Course Last Reviewed

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