

# COURSE DETAIL

## MEMBRANE AND CELLULAR BIOCHEMISTRY

**Country**

United Kingdom - England

**Host Institution**

University of London, Queen Mary

**Program(s)**

English Universities, University of London, Queen Mary

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences Biochemistry

**UCEAP Course Number**

171

**UCEAP Course Suffix****UCEAP Official Title**

MEMBRANE AND CELLULAR BIOCHEMISTRY

**UCEAP Transcript Title**

MEMBRANE & CELL BIO

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course examines membrane functions, subcellular organelles, lipid structures, and membrane proteins. It also covers methods of measuring mobility in membranes, cell signaling, membranes and cancer, endocytosis and exocytosis, and protein import. Students study building membranes, mitochondria and chloroplasts, oxidative phosphorylation, the chemiosmotic hypothesis, membrane transport, and ion channels.

**Language(s) of Instruction**

English

**Host Institution Course Number**

BIO263

**Host Institution Course Title**

MEMBRANE AND CELLULAR BIOCHEMISTRY

**Host Institution Campus**

Queen Mary University of London

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

School of Biology

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