# **COURSE DETAIL**

# MATERIALS FOR BIOMEDICAL APPLICATIONS

## **Country**

United Kingdom - England

#### **Host Institution**

University of London, Queen Mary

## Program(s)

University of London, Queen Mary

#### **UCEAP Course Level**

**Upper Division** 

## **UCEAP Subject Area(s)**

Materials Science Bioengineering

#### **UCEAP Course Number**

106

#### **UCEAP Course Suffix**

#### **UCEAP Official Title**

MATERIALS FOR BIOMEDICAL APPLICATIONS

## **UCEAP Transcript Title**

**MATERIALS BIOMED** 

## **UCEAP Quarter Units**

6.00

#### **UCEAP Semester Units**

4.00

## **Course Description**

Biomedical materials have improved healthcare in many ways and continuous developments in this multidisciplinary and rapidly expanding field are expected to lead to breakthrough solutions for many clinical problems. This course covers the science and technology of materials used in biomedical applications and provides students with an understanding of the challenges involved in engineering materials for the repair or replacement of injured, diseased, or malfunction tissues in the human body.

## Language(s) of Instruction

English

#### **Host Institution Course Number**

EMS519U

#### **Host Institution Course Title**

MATERIALS FOR BIOMEDICAL APPLICATIONS

### **Host Institution Campus**

Queen Mary

## **Host Institution Faculty**

**Host Institution Degree** 

# **Host Institution Department**

Engineering and Materials Science

**Print**