

# COURSE DETAIL

## BIOMEDICAL ENGINEERING LAB

**Country**

Hong Kong

**Host Institution**

Chinese University of Hong Kong

**Program(s)**

Chinese University of Hong Kong

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Engineering

**UCEAP Course Number**

42

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

BIOMEDICAL ENGINEERING LAB

**UCEAP Transcript Title**

BIOMED ENGIN LAB

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## Course Description

This course provides hands-on experience in various aspects of biomedical engineering, including introduction to basic electronics, chemistry, molecular biology, microbiology, electrophysiology laboratory techniques. Students gain exposure to biological and chemical safety and other general safety issues. Students also receive training on laboratory skills, design of experiments, interpretation of data and technical writing. This course concludes with a student-driven design project.

## Language(s) of Instruction

English

## Host Institution Course Number

BMEG 2012

## Host Institution Course Title

BIOMEDICAL ENGINEERING LAB

## Host Institution Course Details

[https://rgsntl.rgs.cuhk.edu.hk/ags\\_prd\\_applx/Public/tt\\_dsp\\_crse\\_catalog.aspx](https://rgsntl.rgs.cuhk.edu.hk/ags_prd_applx/Public/tt_dsp_crse_catalog.aspx)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biomedical Engineering

## Course Last Reviewed

2025-2026

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