

## COURSE DETAIL

### BIOCHEMICAL LABORATORY TECHNIQUES

**Country**

Hong Kong

**Host Institution**

Hong Kong University of Science and Technology (HKUST)

**Program(s)**

Hong Kong University of Science and Technology

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Biochemistry

**UCEAP Course Number**

20

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

BIOCHEMICAL LABORATORY TECHNIQUES

**UCEAP Transcript Title**

BIOCHEM LAB TECHNIQ

**UCEAP Quarter Units**

1.50

**UCEAP Semester Units**

1.00

**Course Description**

This course is taken with LIFS2720, Biochemistry Lab. It explains the theories and concepts behind the chosen experimental sessions. This is a basic course introducing the underlying principles of essential biochemical techniques that have remained indispensable in experimental biochemistry. The principles of biochemical techniques including spectrophotometry, column chromatography, electrophoresis, metabolite assay, enzyme assay, nucleic acid isolation, and protein isolation are discussed.

**Language(s) of Instruction**

English

**Host Institution Course Number**

LIFS2820

**Host Institution Course Title**

BIOCHEMICAL LABORATORY TECHNIQUES

**Host Institution Campus**

HKUST, Science

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

Life Science

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