

COURSE DETAIL

FRONTIER LAB RESEARCH

Country

Japan

Host Institution

The University of Osaka

Program(s)

STEM Research in Osaka

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Physics Mechanical Engineering Materials Science Environmental Studies Engineering Electrical Engineering Earth & Space Sciences Computer Science Civil Engineering Chemistry Chemical Engineering Biological Sciences Bioengineering Biochemistry

UCEAP Course Number

186

UCEAP Course Suffix

S

UCEAP Official Title

FRONTIER LAB RESEARCH

UCEAP Transcript Title

LAB RESEARCH

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course emphasizes hands-on laboratory experience and teaches students research background, relevant theories, and basic laboratory techniques relevant to their field of study. Students formulate a research plan, implement it by conducting experiment-based research, and convey the results in scholarly presentations. Students submit a written research report at the end of the course.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

FRONTIER LAB RESEARCH

Host Institution Campus

Osaka University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering or Science

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