

COURSE DETAIL

EXPERIMENTAL METHODS FOR HUMANITIES AND SOCIAL SCIENCES

Country

Korea, South

Host Institution

Korea Advanced Institute of Science and Technology (KAIST)

Program(s)

Korea Advanced Institute of Science and Technology, KAIST

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Sociology Psychology Communication

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

EXPERIMENTAL METHODS FOR HUMANITIES AND SOCIAL SCIENCES

UCEAP Transcript Title

EXPERIMENTAL METHOD

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course provides an introduction to research methodology with an emphasis on experimentation. The goal of this course is to teach students how to turn an idea into a good research question and then turn that question into rigorous research studies. To do so, we survey a variety of basic and advanced research techniques, including experimental, behavioral, observational, survey, and physiological methods. Students participate in discussions to understand the applications of each class topic to their research interests. Finally, students design their own studies that utilize methodological approaches.

Topics include Having and testing ideas, Operationalization and issues of validity, Statistical power and correlational design: measurement construction, Experimental design, Repeated sampling, Survey, Unobtrusive measures and observation, Inducing and assessing emotions, Physiological methods, Dyadic and group designs, Meta-analysis and cross-cultural research, Presenting and publishing research.

Language(s) of Instruction

English

Host Institution Course Number

HSS.50012

Host Institution Course Title

EXPERIMENTAL METHODS FOR HUMANITIES AND SOCIAL SCIENCES

Host Institution Course Details

<https://erp.kaist.ac.kr/com/lgin/SsoCtr/initExtPageWork.do?link=estblSubjt>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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