COURSE DETAIL

RESEARCH METHODS IN COGNITIVE SCIENCE (HUMAN-COMPUTER INTERACTION IN THE POST-LLM ERA)

Country
Korea, South

Host Institution
Yonsei University

Program(s)
Yonsei University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
127

UCEAP Course Suffix

UCEAP Official Title
RESEARCH METHODS IN COGNITIVE SCIENCE (HUMAN-COMPUTER INTERACTION IN THE POST-LLM ERA)

UCEAP Transcript Title
RESEARCH IN COG SCI

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

The context and behaviors of computer usage have been rapidly changing as the shift of computer use environments moved from desktop computers to mobile devices to the Internet of Things, leading to the remarkable appearance of Web 3.0 technologies including XR/AI/Sensor/Blockchain which have been called new design frameworks of NPD processes that may support the big step from “interacting with computers” to “interacting with AI.”

Now advanced enterprise architectures are rapidly adopting the “Cognitive Internet of Things.” This drastic shift signifies a fundamental game changer for the UX matters.

This course converts the initiative in the design management strategy into the study of new HCI/UX design and analysis methods in relation to cognitive science theories and design methodologies, bridging contemporary and in-depth academic interests and approaches in the field.

Students will explore the theoretical framework of human-computer interaction (HCI) and will build an understanding of HCI-based UX research methodology, the user research process, and practical methodologies, and will engage with the current topics of HCI/UX research and the practical use of convergence studies.

Language(s) of Instruction
English

Host Institution Course Number
COG3104

Host Institution Course Title
RESEARCH METHODS IN COGNITIVE SCIENCE (HUMAN-COMPUTER INTERACTION IN THE POST-LLM ERA)

Host Institution Course Details
Host Institution Campus
Host Institution Faculty
Host Institution Degree
Host Institution Department
Course Last Reviewed 2024-2025

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