

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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