

COURSE DETAIL

HUMAN-AI INTERACTION DESIGN

Country

China

Host Institution

Tsinghua University

Program(s)

Tsinghua University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

HUMAN-AI INTERACTION DESIGN

UCEAP Transcript Title

HUMAN-AI INTERACTIN

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces students to the foundations and practices of designing user experiences with AI-empowered software systems. It covers essential concepts in AI, machine learning, and human-computer interaction. Students will receive theoretical training on the analysis, design, and evaluation of user interfaces. Through the lens of user-centered design, students will learn the end-to-end process from requirements gathering to prototyping, including practical training with prototyping software and emerging AI-assisted design tools. Special emphasis is placed on understanding user cognition, affective design, and persuasive design theories that inform effective user experiences.

Language(s) of Instruction

English

Host Institution Course Number

40512563

Host Institution Course Title

HUMAN-AI INTERACTION DESIGN

Host Institution Course Details

<https://www.tsinghua.edu.cn/en/Admissions/Undergraduate/Curriculum.htm>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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