

# COURSE DETAIL

## HUMAN-COMPUTER INTERACTION

**Country**

United Kingdom - England

**Host Institution**

King's College London

**Program(s)**

King's College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

110

**UCEAP Course Suffix****UCEAP Official Title**

HUMAN-COMPUTER INTERACTION

**UCEAP Transcript Title**

HUMAN COMP INTERACT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

The course explores advanced concepts in HCI and interaction design, human factors and human cognition (including motor skills, attention, and human error), user needs and requirements (including use case and contextual analysis), prototyping techniques for conceptual and physical design (including lowfidelity and high-fidelity prototypes and rapid prototyping tools), evaluation techniques for usability (including heuristic evaluation, expert evaluation and user testing/modeling), methods for gathering and analyzing user data, and professional and ethical issues. The course also examines emerging HCI themes (including ubiquitous computing, human-robot interaction and the internet of things).

## Language(s) of Instruction

English

## Host Institution Course Number

6CCS3HCI

## Host Institution Course Title

HUMAN-COMPUTER INTERACTION

## Host Institution Campus

King's College London

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Informatics

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