

COURSE DETAIL

COMPUTER VISION

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

169

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER VISION

UCEAP Transcript Title

COMPUTER VISION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

In this course, students learn how images are formed, how they are represented on computers, and how they can be processed by computers to extract semantic information. Students develop algorithms for detecting interesting features in images, design neural networks to perform natural image classification, and explore algorithms for solving real-world problems such as hand-written digit recognition and object detection.

Language(s) of Instruction

English

Host Institution Course Number

COMP60006

Host Institution Course Title

COMPUTER VISION

Host Institution Course Details

<https://www.imperial.ac.uk/computing/current-students/courses/60006/>

Host Institution Campus

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Computing

Course Last Reviewed

2023-2024

[Print](#)