

COURSE DETAIL

COMPUTER VISION FOR DATA SCIENCE

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

124

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER VISION FOR DATA SCIENCE

UCEAP Transcript Title

COMPUTER VISION

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course is a broad introduction to computer vision for data science. Topics include various low-level image processing methods and high-level vision tasks like image classification and object detection, with modern approaches based on deep learning. Student learn computer vision algorithms and implement them in python. Students should be proficient in python programming with numpy for assignments. Other python libraries, such as opencv (cv2), scipy, and matplotlib will be used, but students do not have to be proficient with them.

Language(s) of Instruction

English

Host Institution Course Number

STA3143

Host Institution Course Title

COMPUTER VISION FOR DATA SCIENCE

Host Institution Course Details

http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?hakno=STA3143&bb=01&s...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Statistics

Course Last Reviewed

2022-2023

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