COURSE DETAIL

MACHINE LEARNING FOR IMAGING
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 100
UCEAP Course Suffix
UCEAP Official Title MACHINE LEARNING FOR IMAGING
UCEAP Transcript Title MACH LEARN IMAGING
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description
This class covers the fundamental concepts and advanced methodologies of machine learning for imaging and relates those to real-world problems in computer vision and medical image analysis. You will experience different approaches to machine learning including supervised and unsupervised techniques with an emphasis on deep learning methods. Applications include image classification, semantic segmentation, object detection and localisation, and registration. A key objective is to equip you with the skills needed to work in, and conduct research into, image computing and applied machine learning.

Language(s) of Instruction
English

Host Institution Course Number
CO416

Host Institution Course Title
MACHINE LEARNING FOR IMAGING

Host Institution Campus
Imperial College

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing

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