

# COURSE DETAIL

## MACHINE LEARNING

### Country

United Kingdom - England

### Host Institution

Imperial College London

### Program(s)

Imperial College London

### UCEAP Course Level

Upper Division

### UCEAP Subject Area(s)

Electrical Engineering

### UCEAP Course Number

133

### UCEAP Course Suffix

### UCEAP Official Title

MACHINE LEARNING

### UCEAP Transcript Title

MACHINE LEARNING

### UCEAP Quarter Units

5.00

### UCEAP Semester Units

3.30

## **Course Description**

This course explores how machine learning addresses the problem of how computers can learn and extract information automatically from data. It further explores the methods used in artificial intelligence, data mining, and adaptive system design. Students learn how machine learning is used in most disciplines where data is available, including, e.g., electrical engineering, computer science, or medicine. The course introduces students to the theory and practice of modern machine learning methods.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

ELEC60019

### **Host Institution Course Title**

MACHINE LEARNING

### **Host Institution Course Details**

[https://intranet.ee.ic.ac.uk/electricalengineering/eecourses\\_t4/course\\_content...](https://intranet.ee.ic.ac.uk/electricalengineering/eecourses_t4/course_content...)

### **Host Institution Campus**

Kensington

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Electrical Engineering

### **Course Last Reviewed**

2022-2023

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