

COURSE DETAIL

SOFTWARE ENGINEERING FOR ML SYSTEMS

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

117

UCEAP Course Suffix**UCEAP Official Title**

SOFTWARE ENGINEERING FOR ML SYSTEMS

UCEAP Transcript Title

SOFTWR ENGR: ML SYS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course covers the engineering concepts required to build robust and trustworthy systems that make use of machine learning. Students look at all aspects of systems, from data ingestion to user experience, while considering the influence of regulation and wider society. Students spend half of their time in lectures, and half in the lab. Students implement and operate a simplified machine learning based system in a simulated environment inspired by a real-world problem. The course does not cover the design of machine learning models themselves, and students focus on the systems that surround and support them.

Language(s) of Instruction

English

Host Institution Course Number

COMP70102

Host Institution Course Title

SOFTWARE ENGINEERING FOR ML SYSTEMS

Host Institution Course Details

<https://www.imperial.ac.uk/computing/current-students/courses/70102>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computing

Course Last Reviewed

2025-2026

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