

# COURSE DETAIL

## MATHEMATICS FOR SIGNALS AND SYSTEMS

**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**

136

**UCEAP Course Suffix****UCEAP Official Title**

MATHEMATICS FOR SIGNALS AND SYSTEMS

**UCEAP Transcript Title**

MATH/SIGNALS&SYSTEM

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course presents students with a comprehensive introduction to advanced topics in Linear Algebra as needed in the more advanced literature on Signals, Signal Processing, Systems and Control. The emphasis is on fundamental notions related to vector spaces, inner product spaces, normed spaces, matrix algebras, and computations with matrices.

### Language(s) of Instruction

English

### Host Institution Course Number

ELEC60021

### Host Institution Course Title

MATHEMATICS FOR SIGNALS AND SYSTEMS

### Host Institution Course Details

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

### Host Institution Campus

Kensington

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Department of Electrical Engineering

### Course Last Reviewed

2022-2023

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