

# COURSE DETAIL

## FUNDAMENTALS OF PURE MATHEMATICS

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

124

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

FUNDAMENTALS OF PURE MATHEMATICS

**UCEAP Transcript Title**

FUNDMNTLS PURE MATH

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This is a first course in real analysis and a concrete introduction to group theory and the mathematics of symmetry. Students study fundamental concepts of Analysis (completeness, epsilon-N, continuity, epsilon-delta) and Group Theory (groups, group actions, symmetries).

## Language(s) of Instruction

English

## Host Institution Course Number

MATH08064

## Host Institution Course Title

FUNDAMENTALS OF PURE MATHEMATICS

## Host Institution Course Details

<http://www.drps.ed.ac.uk/24-25/dpt/cxmath08064.htm>

## Host Institution Campus

## Host Institution Faculty

School of Mathematics

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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