

COURSE DETAIL

GALOIS THEORY

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

143

UCEAP Course Suffix**UCEAP Official Title**

GALOIS THEORY

UCEAP Transcript Title

GALOIS THEORY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This is a course in abstract algebra, although connections with other fields are stressed as often as possible. It covers some of the jewels in the crown of undergraduate mathematics, drawing together groups, rings, and fields to solve problems that resisted the efforts of mathematicians for many centuries. The powerful central ideas of this course are now crucial to many modern problems in algebra, differential equations, geometry, number theory, and topology.

Language(s) of Instruction

English

Host Institution Course Number

MATH10080

Host Institution Course Title

GALOIS THEORY

Host Institution Course Details

<https://www.drps.ed.ac.uk/25-26/dpt/cxmath10080.htm>

Host Institution Campus

Host Institution Faculty

School of Mathematics

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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