

COURSE DETAIL

METRIC SPACES

Country

Ireland

Host Institution

University of Galway

Program(s)

University of Galway

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

METRIC SPACES

UCEAP Transcript Title

METRIC SPACES

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course is an introduction to the theory of metric spaces. The real line with its natural notion of distance is a metric space, from which the metric space definition and theory evolves. Familiar concepts such as convergence and continuity are explored in this new broader context while new concepts and properties, such as closed sets and compactness, illuminate key facts about functions.

Language(s) of Instruction

English

Host Institution Course Number

MA341

Host Institution Course Title

METRIC SPACES

Host Institution Campus

National University of Ireland, Galway

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Mathematics

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