

COURSE DETAIL

REAL ANALYSIS

Country

New Zealand

Host Institution

University of Auckland

Program(s)

University of Auckland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

REAL ANALYSIS

UCEAP Transcript Title

REAL ANALYSIS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course is on the rigorous treatment of functions (defined on subsets of the real numbers) and sequences. The course offers a broad introduction to the theory of Real Analysis in one variable. Topics: real numbers, sequences and series, limits, continuous functions, differentiation, the Riemann integral, sequences of functions and infinite series.

Language(s) of Instruction

English

Host Institution Course Number

MATHS 332

Host Institution Course Title

REAL ANALYSIS

Host Institution Course Details**Host Institution Campus**

Auckland

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

Mathematics

Course Last Reviewed

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