

COURSE DETAIL

DISCRETE MATHEMATICS

Country

New Zealand

Host Institution

University of Otago

Program(s)

University of Otago

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

DISCRETE MATHEMATICS

UCEAP Transcript Title

DISCRETE MATH

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course looks at problems that are associated with discrete rather than continuous situations. So the nature of the problems is quite distinct from those that are considered in a calculus paper because the important underlying set is the integers rather than the sets of real or complex numbers. The curriculum includes a selection from the following topics: combinatorics, counting techniques, logic, graph theory, set theory, relations, number theory. There will be an emphasis on both proof techniques and practical algorithms.

Language(s) of Instruction

English

Host Institution Course Number

MATH272

Host Institution Course Title

DISCRETE MATHEMATICS

Host Institution Course Details

Host Institution Campus

Otago

Host Institution Faculty

Maths and Statistics

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

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