

# COURSE DETAIL

## ADVANCING MATHEMATICS 3

**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**

123

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

ADVANCING MATHEMATICS 3

**UCEAP Transcript Title**

ADVANCING MATH 3

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course explores topics in linear algebra and multi-variable calculus, including linear transformations, quadratic forms, double and triple integrals, and constrained optimization. The course is a preparation for advanced courses in mathematics, statistics, physics, and other applied sciences.

**Language(s) of Instruction**

English

**Host Institution Course Number**

MATHS 253

**Host Institution Course Title**

ADVANCING MATHEMATICS 3

**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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