

COURSE DETAIL

MULTIVARIATE CALCULUS

Country

United Kingdom - Scotland

Host Institution

University of St Andrews

Program(s)

Scottish Universities, Psychology and Neuroscience, St Andrews, University of St Andrews

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

MULTIVARIATE CALCULUS

UCEAP Transcript Title

MULTIVARIATE CALC

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course extends the basic calculus in a single variable to the setting of real functions of several variables. It introduces techniques and concepts that are used throughout the mathematical sciences and physics: partial derivatives, double and triple integrals, surface sketching, and cylindrical and spherical coordinates.

Language(s) of Instruction

English

Host Institution Course Number

MT2503

Host Institution Course Title

MULTIVARIATE CALCULUS

Host Institution Campus

St Andrews

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

Mathematics & Statistics

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