





# UPP Course Components

## Term 2

### UPP Mathematics Skills 2 (UNSW course code - REGZ9072)

Units of credit

Hours per week

Available

Timetable

Prior knowledge

UPP Mathematics Skills 2 is designed to provide a level of competency in mathematics for students who have not studied HSC Mathematics (or equivalent) at high school and who wish to apply to UNSW programs with assumed knowledge in Mathematics, and follows on from REGZ9070.

Topics

- differential calculus (3 weeks)
- integral calculus (1.5 weeks)
- trigonometry and trigonometric functions (2.5 weeks)
- exponential and logarithmic functions (2 weeks)

## Term 3

### University Orientation and Study Skills 2 (UNSW course code - REGZ9255)

Units of credit

Hours per week

Available

Timetable

Prior Knowledge

University Orientation & Study Skills 2 (UOSS 2) builds on the fundamental academic skills studied in UOSS 1 and introduces students to the foundations of conducting research in the social sciences. UOSS 2 focuses on developing skills in research, writing and presenting critical reviews and reports. The assignments enable students to complete a small research project.

Topics

- developing research questions
- managing a research project
- locating, evaluating and critically reviewing literature
- fundamentals of qualitative and quantitative research methods
- annotated bibliographies
- ethics and integrity in research
- writing research reports.

### UPP Mathematics Skills 3 (UNSW course code - REGZ9073)

Units of credit

Hours per week

Available

Timetable

UPP Mathematics Skills 3 is for students who have not achieved an appropriate level of mathematics at high school or equivalent and wish to apply to UNSW degree programs with assumed knowledge in mathematics.

Topics

- applications of calculus (2 weeks)
- sequences and series (2 weeks)
- introductory probability (2 weeks)
- introductory statistics (3 weeks)

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