



UNSW SCIENCE
School of Maths and Statistics

Course outline

MATH2011
Several Variable Calculus

Term 1, 2023

Staff

Position	Name	Email	Room
Lecturer (Week 1-5)	Dr. Joshua Capel	j.capel@unsw.edu.au	RC - 5107
Lecturer-in-charge (Week 7-10)	A/Prof. Vera Roshchina	v.roshchina@unsw.edu.au	RC - 3063

Please refer to your Timetable on MyUNSW for your Lecture Tut, Lab enrolment days and times.
Timetable weblink: <https://timetable.unsw.edu.au/2023/MATH2011.html>

Administrative Contacts

Please visit the School of Mathematics and Statistics website for a range of information on School Policies, Forms and Help for Students.

posted regularly for your information here. Please familiarise yourself with the information found in these locations. The School web page is: <https://www.maths.unsw.edu.au>

If you cannot find the answer to your queries on the web you are welcome to contact the Student Services Office directly.

By email Undergraduate ug.mathsstats@unsw.edu.au

By phone: 9385 7011 or 9385 7053

Should we need to contact you, we will use your official UNSW email address of in the first instance. **It is your responsibility to regularly check your university email account. Please state your student number in all emails.**

Course Information

Assumed knowledge / Pre-Requisite: MATH1231 or MATH1241 or MATH1251 or DPST1014

Exclusions: MATH2018, MATH2019, MATH2069, MATH2111

Course Aims

This course introduces the mathematics crucial to mechanics, dynamics, electromagnetism, fluid flow, financial modelling

Course Schedule

The course will include material taken from some of the following topics. This is should only serve as a guide as it is not an extensive list of the material to be covered and the timings are approximate. The course content is ultimately defined by the material covered in lectures.

Weeks	Topic
1	Vectors, Curves and Surfaces
2	

School of Mathematics and Statistics and UNSW Policies

The School of Mathematics and Statistics has adopted a number of policies relating to enrolment,

Plagiarism

Plagiarism is presenting another person's work or ideas as your own. Plagiarism is a serious breach of ethics at UNSW and is not taken lightly. So how do you avoid it? A one-minute video for an overview of how you can avoid plagiarism can be found <https://student.unsw.edu.au/plagiarism>.

Additional Support

ELISE (Enabling Library and Information Skill

