

485-869 Discrete Maths. & Maths. Modelling

Credit Points:	25.000
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 54 hours for internal mode students. External mode students can expect a total workload of approximately 240 hours. Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p><p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p> </p>
Coordinator:	Peter Flynn
Subject Overview:	An introduction to a broad range of discrete mathematics topics, including graph theory, Boolean algebra, difference equations, and simple numerical methods. Examination of some established mathematical models (both discrete and continuous). Methods of teaching modelling throughout the post-primary school.
Assessment:	An examination (3 hours), projects and other written assignments equivalent in total to 8,000 words.
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Links to further information:	www.edfac.unimelb.edu.au
Notes:	A graphic calculator of an approved type is required, and access to a computer is necessary to complete some assignments. Appropriate computer software is used throughout the subject. External mode students must have access to the required computing and Internet facilities. In consultation with the Department, external students must also arrange external supervision of the final examination in the subject.
Related Course(s):	Doctor Of Education Doctor of Education Master of Education (Stream 100A) Coursework and Thesis A Master of Education (Stream 100B)Coursework Master of Education (Stream 150) Major Thesis Master of Education (Stream 150A) Coursework and Thesis A Master of Education (Stream 150B) Coursework

Postgraduate Certificate in Educational Studies (Generalist)
Postgraduate Certificate in Educational Studies (Generalist)External
Postgraduate Certificate in Mathematics and Mathematics Education
Postgraduate Diploma in Educational Studies (Generalist)
Postgraduate Diploma in Educational Studies (Generalist) External