

## 485-348 Learning Area: Mathematics 3 (Adv)

<b>Credit Points:</b>	12.50
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Parkville, on-campus.
<b>Time Commitment:</b>	Contact Hours: A total of 36 hours Total Time Commitment: Not available
<b>Prerequisites:</b>	485-204 Learning Area: Mathematics 2 (Adv) or a result of at least H2A in subject 485-202 Learning Area: Mathematics 2
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt;         &lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Mrs Catherine Anne Pearn
<b>Subject Overview:</b>	This subject surveys the numeracy programs used in primary schools. Students will learn to identify the normal stages through which children pass in the development of additive and multiplicative thinking and to design appropriate teaching for each stage. The demands of mathematical notation and the characteristics of mathematics language is examined, along with strategies and resources for teaching those for whom English is a second language. Students will examine the teaching of skills for the conduct of mathematical investigations and real world problem solving. Students will develop their own skills of mathematical investigation through a program providing experience and reflection on the problem solving process and develop material for extension and enrichment activities in schools.
<b>Objectives:</b>	Information not available
<b>Assessment:</b>	A 2-hour examination and two written tasks equivalent in total to 2000 words. Hurdle requirement: Satisfactory completion of weekly tasks.
<b>Prescribed Texts:</b>	Prescribed Texts: A subject reader is available.
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	Information Not Available
<b>Related Course(s):</b>	Bachelor of Education (Primary)