# 485-449 Learning Area: Mathematics 4

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| **Credit Points:** | 12.50 |
| **Level:** | 4 (Undergraduate) |
| **Dates & Locations:** | 2009, <br><br> This subject commences in the following study period/s: <br> Semester 1, - Taught on campus. <br> Parkville, on-campus. |
| **Time Commitment:** | Contact Hours: A total of 36 hours Total Time Commitment: Not available |
| **Prerequisites:** | B.Ed: 485-202 Learning Area: Mathematics 2 or 485-204 Learning Area: Mathematics 2 (Adv) <br><br> Study Abroad: Equivalent to 485-233 Learning Area (TP) Mathematics 2. |
| **Corequisites:** | None |
| **Recommended Background Knowledge:** | None |
| **Non Allowed Subjects:** | None |
| **Core Participation Requirements:** | <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>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: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a></p> |
| **Coordinator:** | Dr Gloria Stillman |
| **Subject Overview:** | This subject deals with primary school mathematics programs and current issues in mathematics education. The focus is on Years 4-6. Students will learn to critically evaluate mathematics programs, materials and teaching methods. Alternative approaches to the teaching of mathematics across a primary school, such as the integrated curriculum, thematic instruction, interdisciplinary curriculum and other current curricular models will be discussed and compared. A range of methods of assessment and reporting will be examined. Contemporary national and international curriculum documents will provide a focus for the discussion of primary mathematics and associated issues. Students will develop a mathematics program for use in upper primary mathematics classrooms. |
| **Objectives:** | Information not available |
| **Assessment:** | One 2-hour examination (40%) and written assignments equivalent in total to 2000 words (60%). |
| **Prescribed Texts:** | Prescribed Texts: Curriculum and Standards Framework II: Mathematics (Board of Studies), 2000 |
| **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 |
| **Generic Skills:** | Information Not Available |
| **Related Course(s):** | Bachelor of Education (Primary) |