

MC-NUM Master of Numeracy

Year and Campus:	2015 - Parkville									
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees									
Level:	Graduate/Postgraduate									
Duration & Credit Points:	100 credit points taken over 24 months part time.									
Coordinator:	Associate Professor Robyn Pierce									
Contact:	Contact Us (https://enquiry.app.unimelb.edu.au/?cc=MGSE-ALL&fn=MGSE) Call: 13 MELB (13 6352)									
Course Overview:	The Master of Numeracy is designed to develop specialist leaders who can transform a school's capacity to deliver high outcomes in numeracy for all students. It will provide participants with detailed knowledge of student learning and numeracy pedagogy and assessment, along with the ability to communicate this knowledge in ways that engage students' interest, make connections with other sites of learning, and attend to both basic skills and higher-order thinking required for robust mathematical literacy. Alongside these specialist skills, participants will develop high level leadership skills for building instructional capacity in other teachers.									
Learning Outcomes:	<p>The key objectives of the Master of Numeracy is for participants to:</p> <p>Knowledge</p> <ul style="list-style-type: none"> # Develop a sound understanding of the roles and functions of numeracy as the capacity, confidence and disposition to use mathematics to meet the demands of learning, school, home, work, community and civic life # Develop a thorough understanding of the theoretical and empirical basis of effective numeracy instruction # Develop a sound understanding of research based strategies of integrating strategic numeracy teaching discipline based and interdisciplinary areas <p>Skills</p> <ul style="list-style-type: none"> # Develop effective process for whole school numeracy planning and instruction # Develop leadership skills in leading numerate school environments <p>Application of Knowledge and skills</p> <ul style="list-style-type: none"> # Demonstrate knowledge of current research in teaching numeracy; # Demonstrate leadership in the numeracy curriculum within their workplace. # Demonstrate ability to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship 									
Course Structure & Available Subjects:	This course is comprised of two compulsory subjects and 75 points of electives.									
Subject Options:	<p>Core subjects</p> <p>These subjects will normally be undertaken in the last semester of enrolment.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>EDUC90620 Reading Educational Research</td> <td>March, August</td> <td>12.50</td> </tr> <tr> <td>EDUC90057 Negotiated Capstone Project</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Elective subjects</p> <p>Students are also permitted to undertake an appropriate 12.5 point subject from the Master of Education (../view/current/960AC) and the specialist Masters courses.</p> <p>For a list of available subjects see the Master of Education handbook page: https://handbook.unimelb.edu.au/view/current/960-AC (../view/current/960-AC)</p>	Subject	Study Period Commencement:	Credit Points:	EDUC90620 Reading Educational Research	March, August	12.50	EDUC90057 Negotiated Capstone Project	Semester 1, Semester 2	12.50
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	Subject	Study Period Commencement:	Credit Points:
	EDUC90688 Numeracy: Improving Learning	Not offered 2015	12.50
	EDUC90618 Mathematics: Problem Solving & Reasoning	Not offered 2015	12.50
	EDUC90687 Numeracy: Life, School and Work	February	12.50
	EDUC90689 Numeracy: Differentiating Teaching	February	12.50
	EDUC90690 Numeracy: Building Teacher Capacity	August	12.50
	EDUC90691 Mathematics: Quality Teaching	August	12.50
	EDUC90615 Mathematics: Teaching with Technology	Not offered 2015	12.50
Entry Requirements:	<p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> • either <ul style="list-style-type: none"> – an undergraduate degree and a fourth-year level education qualification, or equivalent, or – a four-year education degree, or equivalent. <p>Meeting these requirements does not guarantee selection.</p> <p>2. In ranking applications, the Selection Committee will consider:</p> <ul style="list-style-type: none"> • prior academic performance. <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Student Application and Selection Procedure (https://policy.unimelb.edu.au/MPF1034) .</p> <p>4. Applicants are required to satisfy the university's English language requirements for postgraduate courses. For those applicants seeking to meet these requirements by one of the standard tests approved by the Academic Board, performance band 7 (http://about.unimelb.edu.au/academicboard/resolutions) is required.</p> <p>Note. Mastery of mathematics relevant to the school level at which the applicant works will be essential in order to complete course requirements.</p>		
Core Participation Requirements:	<p>The Melbourne Graduate School of Education welcomes applications from students with disabilities. It is University and Graduate School policy to take reasonable steps to enable the participation of students with disabilities, and reasonable adjustments will be made to enhance a student's participation in the Graduate School's programs. The core participation requirements for study in the Melbourne Graduate School of Education are: In all courses The ability to comprehend complex information related to education and the disciplines in which the student is teaching. The ability to communicate clearly and independently in assessment tasks a knowledge of the content, principles and practices relating to education and other relevant disciplines. Behavioural and social attributes that enable a student to participate in a complex learning environment. Students are required to take responsibility for their own participation and learning. They also contribute to the learning of other students in collaborative learning environments, demonstrating interpersonal skills and an understanding of the needs of other students. Assessment may include the outcomes of tasks completed in collaboration with other students. Students who feel a disability will prevent them from meeting the above academic requirements are encouraged to contact the Disability Liaison Unit.</p>		
Further Study:	<p>Graduates from this program are eligible to apply for entry to the Doctor of Education program or a PhD after completion of a 50-point Postgraduate Certificate in Educational Research, provided they meet the entry requirements and subject to achievement of an H2A GPA. Please note also that graduates of an undergraduate Honours degree may already be eligible for doctoral studies, subject to the same entry and achievement requirements.</p>		
Links to further information:	<p>http://education.unimelb.edu.au/study_with_us/professional_development/course_list/numeracy</p>		