

352EE Master of Engineering Science (Electrical and Electronic)

Year and Campus:	2011 - Parkville																																														
CRICOS Code:	009726M																																														
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees																																														
Level:	Research Higher Degree																																														
Duration & Credit Points:	Students are expected to complete this research in 1.50 years full time, or equivalent part time. Credit Points: 150																																														
Coordinator:	Dept of Electrical & Electronic Engineering, Postgrad Research Programs Director Professor Subhrakanti Dey Email:sdey@unimelb.edu.au																																														
Contact:	Melbourne School of Engineering courseinfo@eng.unimelb.edu.au (mailto:courseinfo@eng.unimelb.edu.au) http://www.eng.unimelb.edu.au (http://www.eng.unimelb.edu.au)																																														
Course Overview:	Research Masters degrees seek to develop graduates who have a capacity for defining and managing a research project characterised by originality and independence. Their training equips them for more sustained and original work at the doctoral level or for applied research positions in a wide variety of contexts.																																														
Objectives:	Please see course overview																																														
Course Structure & Available Subjects:	There will be no further entry into this course from 2010.																																														
Subject Options:	<p>All students are required to complete a minimum of two subjects and a maximum of four subjects. A minimum of two subjects must be selected from the core subjects detailed below. The actual content of these subjects may change from year to year.</p> <p>Core Subjects</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ELEN90017 Advanced Studies 1 (Electrical)</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ELEN90018 Advanced Studies 2 (Electrical)</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ELEN90022 Quantum Opto-electronics</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90024 Wireless Systems</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90025 Communication Network Standards/Protocol</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90026 Introduction to Optimisation</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ELEN90028 Nonlinear Systems Theory</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ELEN90032 Advanced Topics in Signals and Systems</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90033 Advanced Topics in Photonics</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>BMEN90004 Advanced Neural Information Processing</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90032 Advanced Topics in Signals and Systems</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90029 Statistical Signal Processing</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90027 Linear Systems Theory</td> <td>Not offered 2011</td> <td>12.50</td> </tr> <tr> <td>ELEN90023 Lightwave Devices and Systems</td> <td>Not offered 2011</td> <td>12.50</td> </tr> </tbody> </table>		Subject	Study Period Commencement:	Credit Points:	ELEN90017 Advanced Studies 1 (Electrical)	Semester 1	12.50	ELEN90018 Advanced Studies 2 (Electrical)	Semester 2	12.50	ELEN90022 Quantum Opto-electronics	Not offered 2011	12.50	ELEN90024 Wireless Systems	Not offered 2011	12.50	ELEN90025 Communication Network Standards/Protocol	Not offered 2011	12.50	ELEN90026 Introduction to Optimisation	Semester 2	12.50	ELEN90028 Nonlinear Systems Theory	Semester 1	12.50	ELEN90032 Advanced Topics in Signals and Systems	Not offered 2011	12.50	ELEN90033 Advanced Topics in Photonics	Not offered 2011	12.50	BMEN90004 Advanced Neural Information Processing	Not offered 2011	12.50	ELEN90032 Advanced Topics in Signals and Systems	Not offered 2011	12.50	ELEN90029 Statistical Signal Processing	Not offered 2011	12.50	ELEN90027 Linear Systems Theory	Not offered 2011	12.50	ELEN90023 Lightwave Devices and Systems	Not offered 2011	12.50
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	ELEN90030 Information Theory	Semester 2	12.50
Entry Requirements:	There will be no further entry into this course from 2010.		
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/		
Graduate Attributes:	The Melbourne School of Engineering has mapped the University of Melbourne graduate attributes with Engineers Australia graduate attributes and Melbourne School of Engineering graduate attributes.		
Notes:	<p>If a student does not have sufficient background in the core subjects, they may be required by the research studies committee to take preliminary undergraduate subjects. Undergraduate preliminary subjects will not count towards the postgraduate level coursework requirement.</p> <p>Subjects from other departments may be selected in consultation with the supervisor and the Department concerned and are subject to the written approval of the Head of Department.</p> <p>All Masters (by Research) students are required to attend a minimum of 15 seminars over the period of their candidature.</p>		