

N38AA Master of e-Forensics and Enterprise Security

Year and Campus:	2011 - Hawthorn											
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 12 months full time. This course is available as full or part time.											
Coordinator:	Dr Andrew Lonie											
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Course Overview:	<p>NOTE: MCCP is no longer accepting new applications for this course from 2010 onwards.</p> <p>The Master of e-Forensics and Enterprise Security will appeal to students from the business sector, regulatory agencies, policing, fraud investigation as well as government and non-government areas.</p> <p>The course strengthens student knowledge and understanding of key concepts and issues in the investigation and response to electronic fraud, electronic crime, and the development and maintenance of secure electronic environments. Students learn to identify and understand eCrime and eFraud, and their investigation and prevention through appropriate security measures. A copy of the course brochure is available.</p>											
Objectives:	<p>Graduates of this course should:</p> <ul style="list-style-type: none"> # Understand the underlying technologies and technical processes of electronic forensic (eForensic) investigations on the Internet and in other electronic environments, and their role in enabling successful investigation and prevention of electronic fraud and crime, and the maintenance of security in such environments # Appreciate how to create and acquire knowledge about e-forensic investigations and enterprise security # Be familiar with methods of conducting investigations of electronic fraud using e-forensic methods in practical settings # Be familiar methods for ensuring enterprise security in practical settings # Realise how the creation, dissemination and application of knowledge are intimately related in the context of e-forensic investigations and enterprise security. 											
Course Structure & Available Subjects:	Students must successfully complete subjects equivalent to 100 points in order to be awarded the Masters in e Forensics and Enterprise Security.											
Subject Options:	<p>Compulsory Subject</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ISYS90001 Research Methods</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Elective Group 1</p> <p>Choose between 4 and 6 of the following subjects: (Including up to two Masters level subjects taken from the Master of Information Technology. Approval must be sought from Academic Coordinator)</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ISYS90001 Research Methods	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:
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ISYS90002 Cyberlaw	Semester 1, Semester 2	12.50
ISYS90003 e-Security Technologies	Semester 1, Semester 2	12.50
ISYS90004 e-Risk Management	Semester 1, Semester 2	12.50
ISYS90005 e-Forensic Investigation	Semester 1, Semester 2	12.50
BISY90013 Information Technology Forensics	Semester 2	12.50
ISYS90007 Advances in e-Forensics	Semester 1, Semester 2	12.50
ISYS90008 Strategic Security Management	Semester 1, Semester 2	12.50
ISYS90009 Systems Engineering for Security	Semester 1, Semester 2	12.50
ISYS90019 Incident Response and Disaster Recovery	Semester 1, Semester 2	12.50
ISYS90010 Case Studies in e-Forensic	Semester 1, Semester 2	12.50

Elective Group 2

One of the following subjects.

Subject	Study Period Commencement:	Credit Points:
ISYS90010 Case Studies in e-Forensic	Semester 1, Semester 2	12.50
ISYS90011 Workplace Project	Semester 1, Semester 2	12.50
ISYS90012 Workplace Project (25)	Semester 1, Semester 2	25
MEDI90019 Research Project	Semester 1, Semester 2	25
ISYS90020 Research Project	Semester 1, Semester 2	37.50

Entry Requirements:	<p>The entry requirements for the course are:</p> <ol style="list-style-type: none"> Successful completion (with an overall average of at least 70%) of The Graduate Certificate in eCrime Investigation, OR The Graduate Certificate in eForensics and Electronic Fraud, OR The Graduate Certificate in Electronic Security Management, OR An equivalent Graduate Certificate Plus either <ol style="list-style-type: none"> Ten years relevant documented work or other experience, OR A completed undergraduate degree plus two years documented relevant work or other experience. Completion of a relevant undergraduate degree or equivalent plus at least five years documented relevant work or other experience OR A relevant four-year degree plus at least two years documented relevant work or other experience
Core Participation Requirements:	<p>For the purposes of considering requests 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/</p>
Further Study:	NA
Graduate Attributes:	Refer to MCCP website.

Professional Accreditation:	NA
Generic Skills:	n/a
Links to further information:	http://www.mccp.unimelb.edu.au/courses/award-courses/masters/e-forensics-enterprise-security