

# Resolutions of the Academic Board

## MELBOURNE SCHOOL OF ENGINEERING

These resolutions contain the minimum entry requirements for consideration for selection into courses of the University.

These resolutions are published in accordance with Statute 4.1 – The Academic Board, clause 4.1.6 - Publication of Board resolutions:

‘The university secretary must make available to all students, in a form approved by the Board accessible throughout the University, all Board resolutions containing information which directly affects students.’

Melbourne School of Engineering		
Course Name Credit point value Minimum entry requirements	Approved at Board meeting (number)	Course code
<p><b>Diploma in Informatics (100 credit points)</b></p> <p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> <li>• concurrent enrolment in a University of Melbourne undergraduate degree.</li> </ul> <p>Meeting this requirement does not guarantee selection.</p> <p>2. In ranking applications, the Selection Committee will consider:</p> <ul style="list-style-type: none"> <li>• prior academic performance.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</p> <p>4. Applicants will satisfy the University’s English language requirements for the Diploma by meeting the <a href="#">English language requirements</a> for the Bachelor degree in which they are enrolled concurrently.</p> <p>Note.</p> <ul style="list-style-type: none"> <li>• Students are permitted to enter the diploma at the start of any semester before the completion of the companion undergraduate degree.</li> <li>• Up to 50 points of advanced standing into the Diploma in Informatics may be granted on request to students who complete appropriate first year and second year informatics subjects within the degree. At the commencement of each individual subject in the area of the diploma, the subject is assigned to one of the degree or the diploma, according to the student’s approved enrolment for the semester in which the subject is taken. Once the subject has been successfully completed, credit points for the subject cannot be moved between the degree and the diploma to allow additional subjects to be taken in the degree.</li> <li>• The Diploma in Informatics cannot be awarded until all</li> </ul>	<p>AB 07/2014</p>	

<p>requirements of both the diploma and the undergraduate degree have been met.</p>		
<p><b>Master of Architectural Engineering</b> (450 credit points)</p> <p>1. In order to be considered for entry applicants must have completed:</p> <ul style="list-style-type: none"> <li>• an undergraduate degree in an architecture or engineering discipline with a weighted average mark of at least H3 (65%), or equivalent; and</li> <li>• a design portfolio in a format as specified by the Selection Committee; and</li> <li>• a personal statement outlining relevant prior study and work experience, and motivation to undertake the course; and</li> <li>• at least 25 points of appropriate tertiary level Mathematics and at least 25 points of appropriate tertiary level Science.</li> </ul> <p>Applicants who are completing pre-requisite subjects as single subject study in order to meet the Mathematics and/or Science entry requirements will be required to achieve a grade of at least H3 (65%) or equivalent in each individual prerequisite subject to satisfy this entry requirement.</p> <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"> <li>• prior academic performance; and</li> <li>• the personal statement; and</li> <li>• the design portfolio.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</p> <p>4. Applicants are required to satisfy the university's English language requirements for graduate courses. For those applicants seeking to meet these requirements by one of the standard tests approved by the Academic Board, performance <a href="#">band 6.5</a> is required.</p> <p>Note. Students will enter the degree with an engineering or architecture undergraduate major, and will be given 100 credit points of advanced standing upon entry. The Master of Architectural Engineering will only require the completion of 350 credit points.</p>	<p>AB 04/2015</p>	
<p><b>Master of Engineering</b> (300 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> <li>• an undergraduate degree with a weighted average mark of at least H3 (65%) or equivalent; and</li> <li>• at least 25 points of appropriate tertiary-level Mathematics and at least 25 points of appropriate tertiary-level Science that meet the specific prerequisite requirements of the stream within the Master of Engineering that the applicant seeks to enter</li> </ul> <p>Applicants who are completing pre-requisite subjects as single subject study in order to meet the Mathematics and/or Science entry requirements will be required to achieve a grade of at least</p>	<p>07/2014</p>	<p>MC-ENG</p>

<p>H3 (65%) or equivalent in each individual prerequisite subject to satisfy this entry requirement.</p> <p>Meeting these requirements does not guarantee selection.</p> <ol style="list-style-type: none"> <li>2. In ranking applications, the Selection Committee will consider; <ul style="list-style-type: none"> <li>• prior academic performance; and if relevant</li> <li>• professional experience</li> </ul> </li> <li>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</li> <li>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 <a href="#">band 6.5</a> is required.</li> </ol> <p>Note.</p> <p>Applicants with the following may be awarded up to 100 points of credit:</p> <ul style="list-style-type: none"> <li>• Graduates of Melbourne Model undergraduate degrees who complete one of a set of prescribed Engineering Systems majors or sequences (pathways) and continue in the same stream with a weighted average mark of at least H3 (65%) or equivalent;</li> <li>• a Bachelor of Engineering, or equivalent as recognised by the Melbourne School of Engineering, in a cognate discipline appropriate to the stream of the Master of Engineering into which entry is sought with a weighted average mark of at least H3 (65%) or equivalent.</li> </ul> <p>Available credit for other University of Melbourne graduates and graduates of other universities is normally evaluated on a case-by-case basis, but the Academic Board may approve standard credit arrangements for specified entry pathways</p>		
<p><b>Master of Engineering Project Management</b> (100 credit points)</p> <ol style="list-style-type: none"> <li>1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> <li>• a four year degree in an appropriate discipline with a weighted average mark of at least H3 (65%) or equivalent, <i>or</i></li> <li>• an undergraduate degree in a cognate discipline with a weighted average mark of at least H3 (65%) or equivalent and two years of documented relevant professional or work experience, <i>or</i></li> <li>• an undergraduate degree in an appropriate discipline with a weighted average mark of at least H3 (65%) or equivalent and a graduate certificate in an appropriate discipline with a weighted average mark of at least H3 (65%) in the certificate or equivalent, and one year of documented relevant professional or work experience, <i>or</i></li> <li>• an undergraduate degree in an appropriate discipline with a weighted average mark of at least H3 (65%) or equivalent, and a graduate diploma in an appropriate discipline with a weighted average mark of at least H3 (65%) in the diploma or equivalent.</li> </ul> </li> </ol> <p>Meeting these requirements does not guarantee selection.</p> <ol style="list-style-type: none"> <li>2. In ranking applications, the Selection Committee will</li> </ol>	07/2014	532PM

<p>consider:</p> <ul style="list-style-type: none"> <li>• prior academic performance; and where relevant</li> <li>• the professional experience.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</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 <a href="#">band 6.5</a> is required.</p>		
<p><b>Master of Environmental Engineering</b> (100 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> <li>• a four year degree in an engineering discipline with a weighted average mark of at least H3 (65%) or equivalent, or</li> <li>• an undergraduate degree in a cognate discipline with a weighted average mark of at least H3 (65%) or equivalent and at least two years of documented relevant professional or work experience.</li> </ul> <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"> <li>• prior academic performance; and where relevant</li> <li>• the professional experience.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</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 <a href="#">band 6.5</a> is required.</p>	07/2014	206EC
<p><b>Master of Business Administration/Master of Information Systems</b> (325 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> <li>• an undergraduate degree in Information Systems with a weighted average mark of at least H3 (65%) or equivalent; and</li> <li>• the Graduate Management Admission Test (GMAT); and</li> <li>• two years of documented relevant work experience; and</li> <li>• a personal statement outlining why they wish to be considered for the course.</li> </ul> <p>Applicants are also required to nominate two referees. 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"> <li>• prior academic performance; and</li> <li>• the GMAT score; and</li> <li>• the work experience; and</li> <li>• the personal statement; and</li> </ul>		

<ul style="list-style-type: none"> <li>• the referee reports; and for short-listed applicants</li> <li>• an interview.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</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 <a href="#">band 6.5</a> is required.</p> <p>Note.</p> <p>(a) References above to a degree in Information Systems means a degree with at least 60% of specialised information systems studies, including a balanced mix of technical and management topics, project management and professional ethics.</p> <p>(b) The interview for short-listed applicants is for eliciting information on the following matters:</p> <ul style="list-style-type: none"> <li>• standard of academic record;</li> <li>• nature and length of employment experience;</li> <li>• achievements subsequent to graduation;</li> <li>• reasons for seeking admission;</li> <li>• interpersonal and communication skills;</li> <li>• maturity and motivation.</li> </ul> <p>International and interstate applicants may be interviewed by telephone.</p>		
<p><b>Master of Engineering Management</b> (100 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p> <p>a four year undergraduate degree in engineering or a cognate discipline with a weighted average mark of at least H3 (65%) average, or equivalent, or</p> <p>an undergraduate degree in an appropriate discipline with a weighted average mark of at least H3 (65%) average, or equivalent, plus a graduate diploma in a cognate discipline and at least two years documented relevant work and/or professional experience since graduation.</p> <p>Meeting these requirements does not guarantee selection.</p> <p>2. In ranking applications, the Selection Committee will consider:</p> <p>prior academic performance; and where relevant the professional experience.</p> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</p> <p>4. Applicants are required to satisfy the university's English language requirements for graduate courses. For those applicants seeking to meet these requirements by one of the standard tests approved by the Academic Board, performance <a href="#">band 6.5</a> is required.</p>	04/2015	761EM
<p><b>Master of Engineering Structures</b> (100 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p>	07/2014	746ST

<ul style="list-style-type: none"> <li>• a 4 year degree in structural engineering with a weighted average mark of at least H3 (65%), or equivalent, <i>or</i></li> <li>• a 4 year degree in civil engineering with a weighted average mark of at least H3 (65%), or equivalent, and either one year of documented, relevant work experience, or 30% of the final year of the degree dedicated to structural engineering subjects, <i>or</i></li> <li>• a 3 year undergraduate degree in structural engineering with a weighted average mark of at least H3 (65%), or equivalent, and at least two years documented relevant work and/or professional experience since graduation; <i>or</i></li> <li>• a 3 year undergraduate degree in civil engineering with a weighted average mark of at least H3 (65%), or equivalent, and at least three years of documented relevant work and/or professional experience since graduation.</li> </ul> <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"> <li>• prior academic performance; and where relevant</li> <li>• the professional experience.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</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 <a href="#">band 6.5</a> is required.</p>		
<p><b>Master of Information Technology</b> (Four streams: Computing, Distributed Computing, Spatial, Health) (200 credit points)</p> <p>1. In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> <li>• undergraduate degree in any discipline with a weighted average mark of at least H3 (65%), or equivalent, and one technical subject focused on computer programming (taken at any tertiary year level).</li> </ul> <p>Meeting this requirement does not guarantee selection.</p> <p>2. In ranking applications, the Selection Committee will consider: – prior academic performance</p> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</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 <a href="#">band 6.5</a> is required.</p> <p>Note.</p> <ul style="list-style-type: none"> <li>• Applicants with the following may be awarded up to 50 points of credit: <ul style="list-style-type: none"> <li>○ a three-year undergraduate degree with a major in Computer Science, Information Technology,</li> </ul> </li> </ul>	07/2014	499AA

<p>Software Engineering or related discipline, with a weighted average mark of at least H3 (65%) or equivalent.</p> <ul style="list-style-type: none"> <li>• Applicants with the following may be awarded up to 100 points of credit: <ul style="list-style-type: none"> <li>○ a four-year undergraduate degree with a major in Computer Science, Information Technology, Software Engineering or related discipline, with a weighted average mark of at least H3 (65%) or equivalent, and either: <ul style="list-style-type: none"> <li>(a) studies in the area of specialization at an advanced undergraduate level or higher, or</li> <li>(b) two years of documented relevant work experience in the area of specialisation.</li> </ul> </li> </ul> </li> </ul>		
<p><b>Graduate Certificate in Information Systems</b> (50 credit points)</p> <p><b>Master of Information Systems</b> (200 credit points)</p> <ol style="list-style-type: none"> <li>1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> <li>• an undergraduate degree in any discipline, with a weighted average mark of at least H3 (65%), or equivalent</li> </ul> <p>Meeting this requirement does not guarantee selection.</p> </li> <li>2. In ranking applications, the Selection Committee will consider: <ul style="list-style-type: none"> <li>• prior academic performance</li> </ul> </li> <li>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</li> <li>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 <a href="#">band 6.5</a> is required.</li> </ol> <p>Note.</p> <ul style="list-style-type: none"> <li>• Up to 50 points of credit may be awarded to applicants who have: <ul style="list-style-type: none"> <li>○ an undergraduate degree in any discipline with a weighted average mark of at least H3 (65%) and at least one year documented relevant work experience; or</li> <li>○ a Graduate Certificate in Information Systems with a weighted average mark of at least (65%) or equivalent.</li> </ul> </li> <li>• Up to 100 points of credit may be awarded to applicants who have: <ul style="list-style-type: none"> <li>○ an undergraduate degree in Information Systems with a weighted average mark of at least H3 (65%) or equivalent and two years of documented relevant work experience; or</li> <li>○ a four-year Honours degree in Information Systems with a weighted average mark of at least H3 (65%) or equivalent; or</li> <li>○ an undergraduate degree in any discipline with a weighted average mark of at least H3 (65%) or equivalent, at least one year of documented</li> </ul> </li> </ul>	07/2014	GC-INFOSYS  MC-IS

<p>relevant work experience and an Advanced Graduate Certificate in Information Systems with at least an H3 (65%) average or equivalent; or</p> <ul style="list-style-type: none"> <li>○ an undergraduate degree in any discipline with at least an H3 (65%) average, and an Advanced Graduate Diploma in Information Systems with at least an H3 (65%) average or equivalent.</li> </ul> <ul style="list-style-type: none"> <li>● References above to a degree in Information Systems means a degree with at least 60% of specialised information systems studies, including a balanced mix of technical and management topics, project management and professional ethics. Many IT or Computer Science degrees do not meet this requirement.</li> <li>● There are three possible early exit point qualifications for students enrolled in the Master of Information Systems: <ul style="list-style-type: none"> <li>○ Graduate Certificate in Information Systems, for students who have completed four foundation or lower core subjects;</li> <li>○ Advanced Graduate Certificate in Information Systems, for students who have completed four lower core or upper core subjects;</li> <li>○ Advanced Graduate Diploma in Information Systems, for students who have completed 8 upper and lower core subjects.</li> </ul> </li> </ul> <p>The Advanced Graduate Certificate and Advanced Graduate Diploma are only available as exit awards.</p>		
<p><b>Master of Telecommunications Engineering</b> (100 credit points)</p> <ol style="list-style-type: none"> <li>1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> <li>● a four year electrical, communications, computer or information engineering degree with a weighted average mark of at least H3 (65%), or equivalent, <i>or</i></li> <li>● an undergraduate degree in an appropriate discipline with a weighted average mark of at least H3 (65%), or equivalent, and a graduate diploma in telecommunications with a weighted average mark of at least H3 (65%), or equivalent, <i>or</i></li> <li>● an undergraduate degree in an appropriate discipline with a weighted average mark of at least H3 (65%), or equivalent, and a graduate certificate in telecommunications with a weighted average mark of at least H3 (65%), or equivalent, and one year of documented, relevant work experience.</li> </ul> <p>Meeting these requirements does not guarantee selection.</p> </li> <li>2. In ranking applications, the Selection Committee will consider: <ul style="list-style-type: none"> <li>● prior academic performance; and where relevant</li> <li>● the professional experience.</li> </ul> </li> <li>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</li> <li>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,</li> </ol>	07/2014	364AA



performance <a href="#">band 6.5</a> is required.		
<p><b>Master of Energy Systems</b> (150 credit points)</p> <ol style="list-style-type: none"> <li>1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> <li>• an undergraduate degree in a relevant discipline (such as Commerce, Science, Engineering) with a weighted average mark of at least H2B (70%) or equivalent, including at least 12.5 points of mathematics, statistics or another quantitative subject at an appropriate level, or equivalent, <i>or</i></li> <li>• an undergraduate degree in a relevant discipline (such as Commerce, Science, Engineering) with a weighted average mark of at least H3 (65%) or equivalent, including at least 12.5 points of mathematics, statistics or another quantitative subject at an appropriate level, and two years of documented work experience in an applicable field, or equivalent.</li> </ul> </li> </ol> <p>Meeting these requirements does not guarantee selection.</p> <ol style="list-style-type: none"> <li>2. In ranking applications, the Selection Committee will consider: <ul style="list-style-type: none"> <li>• prior academic performance; and where relevant</li> <li>• the professional experience.</li> </ul> </li> <li>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</li> <li>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 <a href="#">band 6.5</a> is required.</li> </ol>	07/2014	MC-ENGYSYS
<p><b>Master of Information Systems/Graduate Diploma in Management</b> (200 credit points)</p> <ol style="list-style-type: none"> <li>1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> <li>• an undergraduate degree in Information Systems with a weighted average mark of at least H3 (65%) or equivalent; and</li> <li>• at least two years of documented relevant work experience; and</li> <li>• a personal statement outlining why they wish to be considered for the course.</li> </ul> </li> </ol> <p>Applicants are also required to nominate two referees. Meeting these requirements does not guarantee selection.</p> <ol style="list-style-type: none"> <li>2. In ranking applications, the Selection Committee will consider: <ul style="list-style-type: none"> <li>• prior academic performance; and</li> <li>• the work experience; and</li> <li>• the personal statement; and</li> <li>• the referee reports.</li> </ul> </li> <li>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <a href="#">rules</a> on the use of selection instruments.</li> <li>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</li> </ol>	07/2014	ML-ISMGST

<p>the standard tests approved by the Academic Board, performance <a href="#">band 6.5</a> is required.</p> <p>Note.</p> <p>References above to a degree in Information Systems means a degree with at least 60% of specialised information systems studies, including a balanced mix of technical and management topics, project management and professional ethics.</p>		