

# 365AM Bachelor of Engineering(Mechanical & Manufacturing) and Bachelor of Laws

<b>Year and Campus:</b>	2011 - Parkville											
<b>CRICOS Code:</b>	022253G											
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>											
<b>Level:</b>	Undergraduate											
<b>Duration &amp; Credit Points:</b>	600 credit points taken over 72 months full time. This course is available as full or part time.											
<b>Coordinator:</b>	A/Prof. Andrew Seng Hock Ooi											
<b>Contact:</b>	<p>Melbourne School of Engineering  <a href="mailto:courseinfo@eng.unimelb.edu.au">courseinfo@eng.unimelb.edu.au</a> (<a href="mailto:courseinfo@eng.unimelb.edu.au">mailto:courseinfo@eng.unimelb.edu.au</a>)  <a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a> (<a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a>)</p> <p>(Engineering%20Student%20Centre%20%20Ground%20Floor,%20Old  %20Engineering%20Building%20The%20University%20of%20Melbourne%20Victoria  %203010%20AUSTRALIA%20%20Tel:%20+61%203%208344%206703%20Fax:  %20+61%203%209349%202182%20%20Email%20http://eng-unimelb.custhelp.com)</p>											
<b>Course Overview:</b>	<p>The combined degree of Bachelor of Engineering (Mechanical &amp; Manufacturing)/Bachelor of Laws requires a total of 600 points over six years. Students are required to complete 300 points of Engineering subjects and 300 points of Law subjects.</p> <p>Graduate research programs are available in aspects of mechanical, mechatronics, manufacturing and bioengineering. The department is internationally regarded in fluid mechanics, advanced automotive engineering technology, machine dynamics, mechatronics and biomedical engineering.</p>											
<b>Objectives:</b>	..											
<b>Course Structure &amp; Available Subjects:</b>	<p>THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008</p> <p>Note: Students who commenced 4th year in 2010 and have not completed (or who have failed) the fourth year subjects required in the Bachelor of Engineering degree should speak to a course adviser.</p> <p>The recommended or standard course structures are listed below. When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied. Where the courses include elective subjects these should be chosen so that timetable clashes are avoided. In particular, students in combined degrees should plan their courses so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.</p>											
<b>Subject Options:</b>	<p><b>Fifth Year</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ELEN90055 Control Systems</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MAST30015 Statistics for Mechanical Engineers</td> <td>Not offered 2011</td> <td>12.50</td> </tr> </tbody> </table> <p>Either of the following Mechanical Engineering Subjects</p>			Subject	Study Period Commencement:	Credit Points:	ELEN90055 Control Systems	Semester 1	12.50	MAST30015 Statistics for Mechanical Engineers	Not offered 2011	12.50
Subject	Study Period Commencement:	Credit Points:										
ELEN90055 Control Systems	Semester 1	12.50										
MAST30015 Statistics for Mechanical Engineers	Not offered 2011	12.50										

Subject	Study Period Commencement:	Credit Points:
MCEN90008 Fluid Dynamics	Semester 2	12.50
MCEN90015 Thermodynamics	Semester 1	12.50

Law subjects as required (62.5 points)

For information on law subjects go to <http://undergraduate.law.unimelb.edu.au/go/current-students/subject-pages> (<http://undergraduate.law.unimelb.edu.au/go/current-students/subject-pages>)

### Sixth Year

Subject	Study Period Commencement:	Credit Points:
MCEN40020 Major Project and Professional Practice	Year Long	25

Mechanical Elective from list below (12.5 points)

Law subjects as required (62.5 points)

Subject	Study Period Commencement:	Credit Points:
MCEN40009 Mechanics 4	Semester 1	12.50
MCEN40010 Thermofluids 4	Semester 1	12.50
MCEN40018 Control Systems 2	Semester 1	12.50

For information on law subjectS go to <http://undergraduate.law.unimelb.edu.au/go/current-students/subject-pages> (<http://undergraduate.law.unimelb.edu.au/go/current-students/subject-pages>)

<b>Entry Requirements:</b>	There will be no further entry into this course
<b>Core Participation Requirements:</b>	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: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Graduate Attributes:</b>	The Bachelor of Engineering is a professional degree. Graduates can obtain professional recognition by joining Engineers Australia who has accredited these programs. The Bachelor of Engineering also delivers on the University graduate attribute <a href="http://www.unimelb.edu.au/about/attributes.html">http://www.unimelb.edu.au/about/attributes.html</a>
<b>Notes:</b>	Pre-requisite requirements and not allowed subject/s should be checked before selecting any subject. Credit may not be obtained for - both 436201 Thermofluids 1 and MCEN30015 Thermofluids both 436353 Mechanics 2 and MCEN30016 Mechanical Dynamics both 436285 Design & Materials 1 and MCEN30017 Mechanics and Materials both 436286 Design & Materials 2 and MCEN30014 Mechanical Design both 436284 Organisational Engineering and MCEN90010 Finance and Human Resources for Engineers