

Bachelor of Mechatronics Engineering and Bachelor of Arts

Student ID		Student name	
Course code	3281	Year commenced course	
Course version	1 (for students who commenced in 2006 onwards)		
Credit points	252 points comprising: 96 credit points of Arts (16 units) and 156 points of Engineering (26 units)		
Duration of degree	5 years full time, 10 years part time		
Time limit	10 years. Students have ten years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the ten years.		
Honours	Students are awarded the engineering degree with honours for meritorious performance throughout the course. No additional time is required.		
Arts requirements	The arts component requires a major (48 points), a minor (24 points), an additional first-year sequence (12 points) and a further 12 points of arts units. All disciplines must be chosen from those taught by the Faculty of Arts as listed in the 'Areas of study' section of the faculty website at: www.arts.monash.edu.au/current/coursework/study_areas/ .		
Conversion to single degree	Student wishing to take out their engineering degree prior to completion of all the requirements for the double degree will have to complete the required 192 credit points for the single Bachelor of Aerospace Engineering degree. Students wishing to take out the non-engineering component of the degree should consult the relevant faculty.		
Course adviser	http://www.eng.monash.edu.au/current-students/course-information.html#1		

Students should bring this course map with them when they seek course advice.

First year (select eight units from):	Mark	Grade
Core units		
<input type="checkbox"/> ENG1030 Electrical systems		
<input type="checkbox"/> ENG1040 Engineering dynamics		
<input type="checkbox"/> ENG1050 Engineering materials		
<input type="checkbox"/> ENG1060 Computing for engineers		
<input type="checkbox"/> ENG1091 Mathematics for engineering		
Two first-year Arts units (12 points)		
<input type="checkbox"/>		
<input type="checkbox"/>		
Foundation units		
Students who have not completed VCE units 3 and 4 of Chemistry or Physics and/or Specialist Mathematics are required to select one appropriate foundation unit. If two are required, ENG1090 should be taken.		
<input type="checkbox"/> ENG1070 Foundation chemistry (if you have not completed VCE Chemistry)		
<input type="checkbox"/> ENG1080 Foundation physics (if you have not completed VCE Physics)		
<input type="checkbox"/> ENG1090 Foundation mathematics (if you have not completed VCE Spec Maths)		

Elective		
If foundation unit not required		
<input type="checkbox"/> ENG1020 Engineering structures		
Second year	Mark	Grade
<input type="checkbox"/> ENG2092 Advanced engineering mathematics B		
<input type="checkbox"/> TRC2100 Mechatronic design		
<input type="checkbox"/> TRC2400 Computer programming		
<input type="checkbox"/> TRC2500 Electronics		
<input type="checkbox"/> Arts units		
Third year		
<input type="checkbox"/> TRC2000 Mechatronics project I		
<input type="checkbox"/> TRC2200 Thermo-fluids and power systems		
<input type="checkbox"/> TRC2201 Mechanics		
<input type="checkbox"/> TRC2300 Digital electronics		
<input type="checkbox"/> Arts units		
Fourth year		
<input type="checkbox"/> MTE2544 Introduction to functional materials		
<input type="checkbox"/> TRC3000 Mechatronics project II		
<input type="checkbox"/> TRC3200 Dynamical systems		
<input type="checkbox"/> TRC3300 Microprocessor systems		
<input type="checkbox"/> TRC3500 Sensors and artificial perception		
<input type="checkbox"/> TRC3501 Power electronics and drives		
<input type="checkbox"/> TRC3600 Modelling and control		
<input type="checkbox"/> Arts units		
Fifth year		
<input type="checkbox"/> TRC3801 Mechatronics and manufacturing		
<input type="checkbox"/> TRC4000 Mechatronics final year project I		
<input type="checkbox"/> TRC4002 Management		
<input type="checkbox"/> TRC4800 Robotics		
<input type="checkbox"/> TRC4801 Digital communications		
<input type="checkbox"/> Arts units		
Professional requirements		
Students may not graduate until they have completed their work experience and submitted a satisfactory report on the experience		
<input type="checkbox"/> 12 weeks approved engineering work experience		
<input type="checkbox"/> Report submitted to department and approved		

Every effort has been made to ensure that the information provided is correct at the time of publication.
Monash University reserves the right to alter this information should the need arise. October 2007