

Bachelor of Civil and Environmental Engineering

Student ID		Student name	
Course code	3274	Year commenced course	
Course version	1 (for students who commenced in 2004 onwards)		
Credit points	192 credit points (32 x 6 credit point units)		
Duration of degree	4 years full time, 8 years part time		
Time limit	8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.		
Honours	Students are awarded a degree with honours for meritorious performance throughout the course. No additional time is required.		
Course adviser	http://www.eng.monash.edu.au/current-students/course-information.html#1		
Monash University Handbook	http://www.monash.edu.au/pubs/handbooks/		

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"/> ENG1210 Introduction to structural engineering		
<input type="checkbox"/> ENG1211 Introduction to engineering systems		
<input type="checkbox"/> ENV1711 Environmental science 1 – the dynamic environment		
<input type="checkbox"/> ENV1722 Environmental science 2 – resource management issues		
<input type="checkbox"/> MAT1055 Mathematics 1A		
<input type="checkbox"/> MAT1085 Mathematics 1B		
Group 1		
For students with VCE units 3/4 of Chemistry but not VCE units 3/4 of Physics:		
<input type="checkbox"/> CHM1752 Chemistry for engineers		
<input type="checkbox"/> PHS1711 Applied physics		
Group 2		
For students with VCE units 3/4 of Physics but not VCE units 3/4 of Chemistry:		
<input type="checkbox"/> CHM1011 Chemistry		
<input type="checkbox"/> CHM1022 Chemistry		
Group 3		
For students with both VCE units 3/4 of Chemistry and Physics:		
<input type="checkbox"/> CHM1752 Chemistry for engineers		
and select one of:		
<input type="checkbox"/> PHS1711 Applied physics		
<input type="checkbox"/> Elective		

Second year	Mark	Grade
<input type="checkbox"/> CHM2752 Chemistry of the environment		
<input type="checkbox"/> ENG2202 Steel structures		
<input type="checkbox"/> ENG2203 Concrete structures		
<input type="checkbox"/> ENG2204 Water systems		
<input type="checkbox"/> ENG2206 Introduction to geoengineering		
<input type="checkbox"/> ENG2207 Waterway engineering		
<input type="checkbox"/> ENV2792 Environmental modelling		
<input type="checkbox"/> MAT2731 Engineering mathematical analysis		
Third year	Mark	Grade
<input type="checkbox"/> ENG3201 Project management for engineers		
<input type="checkbox"/> ENG3202 Geoengineering		
<input type="checkbox"/> ENG3203 Environmental geoengineering		
<input type="checkbox"/> ENG3204 Water and wastewater		
<input type="checkbox"/> ENG3205 Traffic and transport		
<input type="checkbox"/> ENV3639 Global resources and energy management		
<input type="checkbox"/> ENV3737 Environmental management		
<input type="checkbox"/> GES3820 Geographic information systems (GIS) for environmental management		
Fourth year	Mark	Grade
Core units		
<input type="checkbox"/> ENG4201 Project		
<input type="checkbox"/> ENG4202 Civil and environmental engineering practice		
<input type="checkbox"/> ENG4203 Management of water resources		
<input type="checkbox"/> ENG4204 Road engineering		
<input type="checkbox"/> ENV3761 Waste management and remediation		
Electives*		
Select three units from:		
<input type="checkbox"/> CHM3742 Chemistry of aquatic systems and processes		
<input type="checkbox"/> CIV4248 Ground hazards and environmental geotechnics		
<input type="checkbox"/> CIV4261 Integrated urban water management		
<input type="checkbox"/> CIV4283 Transport planning		
<input type="checkbox"/> CIV4284 Transport systems		
<input type="checkbox"/> ENV3647 Forest management		
<input type="checkbox"/> ENV3656 Natural area management		
<input type="checkbox"/> ENV3726 Atmospheric processes		
* Elective units coded CIV4XXX are offered on the Clayton campus		

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 2009