

ME - CIVIL ENGINEERING
Study plans for March semester start

EAIT faculty home: www.eait.uq.edu.au
CIVIL home: www.civil.uq.edu.au

March start - ODD year

Odd	March Semester	Professional engineering and business environment. Global practice ENGG7901	Elective	Elective	Elective	March Semester	Numerical methods in engineering CIVL4250	Wind Engineering CIVL4340			Advanced concrete design CIVL4333		Design of composite structures CIVL7350		Advanced fluid mechanics CIVL4160 ^o ODD	Groundwater & surface flow modelling CIVL4140	Environmental Risk Assessment and Management CIVL4170	Sustainable built environment CIVL4180	Advanced engineering monitoring CIVL7135 ^o ODD	Travel behaviour and transport modelling CIVL4412		Transport models for planning CIVL7225 ^o ODD	Introduction to fire safety engineering FIRE3700			Mine waste management and landform design MINE4000	Geotechnical investigating and testing CIVL4270	Ground improvement and remediation technologies CIVL7215 ^o ODD
Odd	July Semester	Engineering innovation and leadership ENGG7902	Research methods for civil engineers CIVL7505	Elective	Elective	July Semester	Construction engineering management CIVL4522			Advanced structural analysis CIVL4332	Design of timber structures CIVL4334	Advanced concrete structures and concrete technology CIVL7315	Computational methods for optimization and advanced analysis CIVL7360	Coastal and estuarine processes CIVL4110 ^o ODD					Advanced sustainable built environment CIVL7170	Advanced transport engineering CIVL4411	Highway geometric design CIVL4460	Traffic simulation CIVL7435 ^o ODD			Fire dynamics FIRE7620	Advanced soil mechanics CIVL4230	Advanced rock mechanics CIVL4280	
Even	March Semester	Research project CIVL7511	Elective	Elective	Elective	March Semester	Numerical methods in engineering CIVL4250	Wind Engineering CIVL4340	Research thesis CIVL7500 [#]	Advanced concrete design CIVL4333		Design of composite structures CIVL7350				Groundwater & surface flow modelling CIVL4140	Environmental Risk Assessment and Management CIVL4170	Sustainable built environment CIVL4180	Environmental fluid mechanics modelling CIVL7155 ^o EVEN	Travel behaviour and transport modelling CIVL4412		Spatial and quant. methods for transport data analysis CIVL7415 ^o EVEN	Introduction to fire safety engineering FIRE3700	Fire engineering design. Solutions for implicit safety FIRE4610	Structural fire engineering FIRE7660	Mine waste management and landform design MINE4000	Geotechnical investigating and testing CIVL4270	Dam and embankment engineering CIVL7225 ^o EVEN
Even	July Semester		Elective	Elective	Elective	July Semester	Construction engineering management CIVL4522			Advanced structural analysis CIVL4332	Design of timber structures CIVL4334	Advanced concrete structures and concrete technology CIVL7315	Computational methods for optimization and advanced analysis CIVL7360	Adv. open channel flow and hydraulic structures CIVL4120 ^o EVEN						Advanced sustainable built environment CIVL7170	Advanced transport engineering CIVL4411	Highway geometric design CIVL4460			Fire dynamics FIRE7620	Advanced soil mechanics CIVL4230	Advanced rock mechanics CIVL4280	Underground structures CIVL7235 ^o EVEN

March start - EVEN year

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^o Course offered in ODD years only.

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[@] Some Part C electives are available only every second year. Students may need to do them in their 1st year.

[&] CIVL7500 (#8 units) may be taken in lieu of CIVL7511 and two electives.

[#] CIVL4250 is not offered in 2018