

BE (Hons) - CIVIL ENGINEERING 2+2 programs

Study plan - Major and Extended major

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

CIVIL home: www.civil.uq.edu.au

March intake					Part B2 - Advanced electives										
March Semester	5	Structural analysis CIVL3340	Catchment Hydraulics: Open Channel Flow & Design CIVL3140	Traffic flow theory and analysis CIVL2410	Geotechnical engineering CIVL3210	March Semester		Numerical methods in engineering CIVL4250 [#]	Travel behaviour and transport modelling CIVL4412		Introduction to fire safety engineering FIRE3700	Fire engineering design: Solutions for implicit safety FIRE4610 ^o	Advanced fluid mechanics CIVL4160 ^e ODD		
July Semester	6	Structural design CIVL3350	Transportation systems engineering CIVL3420	Catchment hydrology CIVL3141	Reinforced concrete structures & concrete tech. CIVL2360	July Semester	Project CIVL4560 March or July semester		Advanced transport engineering CIVL4411	Highway geometric design CIVL4460	Modelling of environmental systems CIVL3150	Industrial wastewater and solid waste management CHEE4012	Coastal and estuarine processes CIVL4110 ^e ODD	Adv. open channel flow and hydraulic structures CIVL4120 ^o EVEN	
March Semester	7	Civil design 1 CIVL4514	B2 Elective	B2 Elective	Prof. practice & the business environment ENGG4900 March or July Semester	March Semester	Research thesis CIVL4580 [#]	Wind Engineering CIVL4340	Advanced concrete design CIVL4333		Groundwater & surface flow modelling CIVL4140	Environmental Risk Assessment and Management CIVL4170	Sustainable built environment CIVL4180	Mine waste management and landform design MINE4000	Geotechnical investigating and testing CIVL4270
July Semester	8	Civil design 3 CIVL4516	B2 Elective	B2 Elective	Introduction to project management CIVL3510	July Semester	#4 units over 2 semesters	Anal. methods for the design of construction Op. CIVL4522	Advanced structural analysis CIVL4332	Design of timber structures CIVL4334				Advanced soil mechanics CIVL4230	Advanced rock mechanics CIVL4280

July intake					Part B2 - Advanced electives										
Note: In order to commence in July, students must have the prerequisite structural analysis knowledge for CIVL3350															
July Semester	5	Structural design CIVL3350	Introduction to project management CIVL3510	Catchment hydrology CIVL3141	Reinforced concrete structures & concrete tech. CIVL2360	July Semester	Project CIVL4560 March or July semester		Advanced transport engineering CIVL4411	Highway geometric design CIVL4460	Modelling of environmental systems CIVL3150	Industrial wastewater and solid waste management CHEE4012	Coastal and estuarine processes CIVL4110 ^e ODD	Adv. open channel flow and hydraulic structures CIVL4120 ^o EVEN	
March Semester	6	Structural analysis CIVL3340	Catchment Hydraulics: Open Channel Flow & Design CIVL3140	Traffic flow theory and analysis CIVL2410	Geotechnical engineering CIVL3210	March Semester		Numerical methods in engineering CIVL4250 [#]	Travel behaviour and transport modelling CIVL4412		Introduction to fire safety engineering FIRE3700	Fire engineering design: Solutions for implicit safety FIRE4610 ^o	Advanced fluid mechanics CIVL4160 ^e ODD		
July Semester	7	Civil design 3 CIVL4516	Transportation systems engineering CIVL3420	B2 Elective	B2 Elective	July Semester	Research thesis CIVL4582 [#]	Anal. methods for the design of construction Op. CIVL4522	Advanced structural analysis CIVL4332	Design of timber structures CIVL4334				Advanced soil mechanics CIVL4230	Advanced rock mechanics CIVL4280
March Semester	8	Civil design 1 CIVL4514	B2 Elective	B2 Elective	Prof. practice & the business environment ENGG4900 March or July Semester	March Semester	#4 units over 2 semesters	Wind Engineering CIVL4340	Advanced concrete design CIVL4333		Groundwater & surface flow modelling CIVL4140	Environmental Risk Assessment and Management CIVL4170	Sustainable built environment CIVL4180	Mine waste management and landform design MINE4000	Geotechnical investigating and testing CIVL4270

^o Course offered in ODD years only.

^e Course offered in EVEN years only.

[#] Two semester course (#4 units). CIVL4580 if starting in March semester OR CIVL4582 if starting in July semester

CIVL4250 is not offered in 2018 & requires FIRE3700 as prerequisite