

M Eng Sc - CIVIL ENGINEERING

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

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

| Part A - Compulsory Research #4 | | | | | Part B - Electives | | | | | | | | | | | |
|---|--|----------|----------|----------|--|--|-----------------------------|---|---|---|---|--|--|--|---|---|
| | | Research | | | Water and Environmental | | | Geotechnical | | Structures | | Transport | | Fire | | |
| Semester 2 | CIVL7512 ^{8*} Research project | Elective | Elective | Elective | CIVL7501 ^{8!} Research thesis | CIVL7505 Research methods for civil engineers | | | | CIVL7235 ^o Underground structures EVEN | | CIVL7315 Advanced concrete structures and concrete technology | CIVL7360 Computational methods for optimization and advanced analysis | CIVL7435 Traffic simulation | | FIRE7620 Fire dynamics |
| Semester 1 | | Elective | Elective | Elective | | | CIVL7131 Urban Hydrology | CIVL7155 ^o Modelling of environmental fluid mechanics EVEN | CIVL7135 ^o Advanced engineering monitoring ODD | CIVL7215 ^o Ground improvement and remediation technologies ODD | CIVL7225 ^o Dam and embankment engineering EVEN | CIVL7350 Design of composite structures | | CIVL7415 Spatial and quant. methods for transport data analysis | CIVL7425 Transport models for planning | FIRE7660 Structural fire engineering |
| <i>Enrol in CIVL7512 both semesters</i> | | | | | <i>Enrol in CIVL7501 in both semesters</i> | | | | | | | | | | | |

& CIVL7500/7501 (#8 units) may be taken in lieu of CIVL7511/7512 and two electives

o Course offered in ODD years only

e Course offered in EVEN years only

* For semester 2 commencement enrol in CIVL7512 in both semesters

! For semester 2 commencement enrol in CIVL7501 in both semesters

Revised: 19/07/2019