

Semester 2 start - ODD year

Part A - Compulsory Research #4						Part B - Electives <sup>~</sup>												
						Research	Water and Environmental		Geotechnical	Structures		Transport	Transport	Fire				
Odd	Semester 2	Elective	Elective	Elective	Elective	Semester 2			<b>CIVL7505</b> Research methods for civil engineers				<b>CIVL7315</b> Advanced concrete structures and concrete technology	<b>CIVL7360</b> Computational methods for optimization and advanced analysis	<b>CIVL7435</b> Traffic simulation		<b>FIRE7620</b> Fire dynamics	
Even	Semester 1	Elective	Elective	Elective	Elective	Semester 1				<b>CIVL7131</b> Urban Hydrology	<b>CIVL7155<sup>e</sup></b> Modelling of environmental fluid mechanics <b>EVEN</b>	<b>CIVL7225<sup>e</sup></b> Dam and embankment engineering <b>EVEN</b>	<b>CIVL7350</b> Design of composite structures		<b>CIVL7415</b> Spatial and quant. methods for transport data analysis	<b>CIVL7425</b> Transport models for planning	<b>FIRE7600</b> Introduction to Fire Safety Engineering	<b>FIRE7660</b> Structural fire engineering
Even	Semester 2	<b>CIVL7512<sup>&amp;*</sup></b> Research project	Elective	Elective	Elective	Semester 2	<b>CIVL7501<sup>&amp;!</sup></b> Research thesis				<b>CIVL7170</b> Advanced sustainable built environment	<b>CIVL7235<sup>e</sup></b> Underground structures <b>EVEN</b>	<b>CIVL7315</b> Advanced concrete structures and concrete technology	<b>CIVL7360</b> Computational methods for optimization and advanced analysis	<b>CIVL7435</b> Traffic simulation		<b>FIRE7620</b> Fire dynamics	
Odd	Semester 1		Elective	Elective	Elective	Semester 1			<b>CIVL7131</b> Urban Hydrology	<b>CIVL7135<sup>o</sup></b> Advanced engineering monitoring <b>ODD</b>	<b>CIVL7215<sup>o</sup></b> Ground improvement and remediation technologies <b>ODD</b>	<b>CIVL7350</b> Design of composite structures		<b>CIVL7415</b> Spatial and quant. methods for transport data analysis	<b>CIVL7425</b> Transport models for planning	<b>FIRE7600</b> Introduction to Fire Safety Engineering	<b>FIRE7660</b> Structural fire engineering	

*Enrol in CIVL7512 in both semesters*  
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*Enrol in CIVL7501 in both semesters*  
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<sup>~</sup> Electives must also be taken from Part F in accordance to the program rules  
& 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