

Semester 1 start - ODD year

Part A - Compulsory Research #4							Part B - Electives <sup>~</sup>										
							Research	Water and Environmental		Geotechnical	Structures		Transport		Fire		
Odd	Semester 1	Elective	Elective	Elective	Elective	Semester 1			CIVL7131 Urban Hydrology	CIVL7135 Advanced Environmental Monitoring Techniques for Civil Engineers	CIVL7215 <sup>o</sup> Ground improvement and remediation technologies ODD	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics	CIVL7425 Strategic Transport Modelling	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering
Odd	Semester 2	Elective	Elective	Elective	Elective	Semester 2	CIVL7505 Research methods for civil engineers		CIVL7170 Pollution Control in Cities			CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic Simulation: Methods and Applications		FIRE7620 Fire dynamics	
Even	Semester 1	CIVL7511 <sup>&amp;*</sup> Research project	Elective	Elective	Elective	Semester 1	CIVL7500 <sup>&amp;!</sup> Research thesis		CIVL7131 Urban Hydrology	CIVL7155 <sup>o</sup> Environmental Fluid Mechanics - Modelling Applications EVEN	CIVL7225 <sup>o</sup> Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics	CIVL7425 Strategic Transport Modelling	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering
Even	Semester 2		Elective	Elective	Elective	Semester 2			CIVL7170 Pollution Control in Cities		CIVL7235 <sup>o</sup> Underground structures EVEN	CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic Simulation: Methods and Applications		FIRE7620 Fire dynamics	

*Enrol in CIVL7511 in both semesters*

*Enrol in CIVL7500 in both semesters*

Semester 1 start - EVEN year

Part B - Compulsory Research #4							Part A - Electives <sup>~</sup>										
							Research	Water and Environmental		Geotechnical	Structures		Transport		Fire		
Even	Semester 1	Elective	Elective	Elective	Elective	Semester 1			CIVL7131 Urban Hydrology	CIVL7155 <sup>o</sup> Environmental Fluid Mechanics - Modelling Applications EVEN	CIVL7225 <sup>o</sup> Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics	CIVL7425 Strategic Transport Modelling	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering
Even	Semester 2	Elective	Elective	Elective	Elective	Semester 2	CIVL7505 Research methods for civil engineers		CIVL7170 Pollution Control in Cities		CIVL7235 <sup>o</sup> Underground structures EVEN	CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic Simulation: Methods and Applications		FIRE7620 Fire dynamics	
Odd	Semester 1	CIVL7511 <sup>&amp;*</sup> Research project	Elective	Elective	Elective	Semester 1	CIVL7500 <sup>&amp;!</sup> Research thesis		CIVL7131 Urban Hydrology	CIVL7135 Advanced Environmental Monitoring Techniques for Civil Engineers	CIVL7215 <sup>o</sup> Ground improvement and remediation technologies ODD	CIVL7350 Design of composite structures		CIVL7415 Transport Data Analytics	CIVL7425 Strategic Transport Modelling	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering
Odd	Semester 2		Elective	Elective	Elective	Semester 2			CIVL7170 Pollution Control in Cities			CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational Design and Digital Workflows	CIVL7435 Traffic Simulation: Methods and Applications		FIRE7620 Fire dynamics	

*Enrol in CIVL7511 in both semesters*

*Enrol in CIVL7500 in both semesters*

*~ 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*