

Semester 1 start - ODD year

Part A - Compulsory Research #4						Part B - Electives [~]											
						Research			Water and Environmental		Geotechnical	Structures		Transport	Fire		
Odd	Semester 1	Elective	Elective	Elective	Elective	Semester 1				CIVL7131 Urban Hydrology	CIVL7135 ^o Advanced engineering monitoring ODD	CIVL7215 ^o Ground improvement and remediation technologies ODD	CIVL7350 Design of composite structures		CIVL7425 ^o Transport models for planning ODD	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 Advanced sustainable built environment		CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational methods for optimization and advanced analysis	CIVL7435 ^o Traffic simulation ODD	FIRE7620 Fire dynamics	
Even	Semester 1	CIVL7511 ^{&*} Research project	Elective	Elective	Elective	Semester 1	CIVL7500 ^{&!} Research thesis		CIVL7131 Urban Hydrology	CIVL7155 ^o Modelling of environmental fluid mechanics EVEN	CIVL7225 ^o Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415 ^o Spatial and quant. methods for transport data analysis EVEN	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering	
Even	Semester 2		Elective	Elective	Elective	Semester 2				CIVL7170 Advanced sustainable built environment	CIVL7235 ^o Underground structures EVEN	CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational methods for optimization and advanced analysis		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 [~]											
						Research			Water and Environmental		Geotechnical	Structures		Transport	Fire		
Even	Semester 1	Elective	Elective	Elective	Elective	Semester 1				CIVL7131 Urban Hydrology	CIVL7155 ^o Modelling of environmental fluid mechanics EVEN	CIVL7225 ^o Dam and embankment engineering EVEN	CIVL7350 Design of composite structures		CIVL7415 ^o Spatial and quant. methods for transport data analysis EVEN	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 Advanced sustainable built environment	CIVL7235 ^o Underground structures EVEN	CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational methods for optimization and advanced analysis		FIRE7620 Fire dynamics	
Odd	Semester 1	CIVL7511 ^{&*} Research project	Elective	Elective	Elective	Semester 1	CIVL7500 ^{&!} Research thesis		CIVL7131 Urban Hydrology	CIVL7135 ^o Advanced engineering monitoring ODD	CIVL7215 ^o Ground improvement and remediation technologies ODD	CIVL7350 Design of composite structures		CIVL7425 ^o Transport models for planning ODD	FIRE7600 Introduction to Fire Safety Engineering	FIRE7660 Structural fire engineering	
Odd	Semester 2		Elective	Elective	Elective	Semester 2				CIVL7170 Advanced sustainable built environment		CIVL7315 Advanced concrete structures and concrete technology	CIVL7360 Computational methods for optimization and advanced analysis	CIVL7435 ^o Traffic simulation ODD	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