

Semester 1								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS1ALGE	Algebra I (GC-GIM-GRIT-IG)	3	15	15		3	0	30
LS1ANAL	Calculus I (GC-GIM-GRIT-IG)	4	18	27		4	0	45
LS1DESS	Drafting	2			30	0	2	30
LS1FRAN	English (GC-GIM-GRIT-IG)	2		30		2	0	30
LS1GEOG	Geology	3	15		15	2	1	30
LS1INF	Basic Computer Skills	4	12	15	18	2.8	1.2	45
LS1MATE	Materials	5	24	18	18	3.8	1.2	60
LS1MDFH	Fluid Mechanics and Hydraulics	4	18	18	9	3.4	0.6	45
LS1STUC	Structures 1	3	12	18		3	0	30
<b>Total</b>	<b>9</b>	<b>30</b>	<b>114</b>	<b>141</b>	<b>90</b>			<b>345</b>

Semester 2								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS2ALGE	Algebra II (GC-GIM-GRIT-IG)	3	15	15		3	0	30
LS2ANAL	Calculus II (GC-GIM-GRIT-IG)	4	18	27		4	0	45
LS2DAOR	Computer Aided Drafting 1 (CAD1)	2			30	0	2	30
LS2DRHO	Human Rights (GC-GIM-GRIT-IG)	2	30			2	0	30
LS2MESO	Soil Mechanics	3	12	18		3	0	30
LS2STRU	Structures 2	3	12	18		3	0	30
LS2STBA	Reinforced Concrete Structures 1	4	24	21		4	0	45
LS2TTTH	Thermodynamics and heat transfer	4	18	27		4	0	45
LS2TOPO	Surveying	5	18	18	24	3.4	1.6	60
<b>Total</b>	<b>9</b>	<b>30</b>	<b>147</b>	<b>144</b>	<b>54</b>			<b>345</b>

Semester 3								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS3AEVE	Ventilation	2	12	18		2	0	30
LS3ANGL	French (GC-GIM-GRIT-IG)	2		30		2	0	30
LS3-DAOR	Computer Aided Drafting 2 (CAD2)	2			30	0	2	30
LS3ELEC	Electricity	4	15	21	9	3.4	0.6	45
LS3ROUT	Roads Engineering	5	27	15	18	3.8	1.2	60
LS3STPR	Statistics and Probability (GC-GIM)	4	18	27		4	0	45
LS3STAV	Advanced Structures	4	12	15	18	2.8	1.2	45
LS3STBA	Reinforced Concrete Structures 2	4	24	21		4	0	45
LS3SET	Insulation and Waterproofing*	3	18	12		3	0	30
<b>Total</b>	<b>8</b>	<b>30</b>	<b>126</b>	<b>159</b>	<b>75</b>			<b>360</b>

Semester 4								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS4ARCH	Architecture	2		12	18	0.8	1.2	30
LS4CHCL	Heating and air conditioning	5	21	27	12	4.2	0.8	60
LS4EXCO	Communication Skills (GC-GIM-GRIT-IG)	2		15	15	1	1	30
LS4FOND	Foundations	4	15	21	9	3.4	0.6	45
LS4HYUR	Urban Hydraulics	4	21	24		4	0	45
LS4PRGC	Construction Procedures	4	30		15	3	1	45
LS4SBAA	Advanced Reinforced Concrete Structures	4	15	21	9	3.4	0.6	45
LS4MENU	Numerical Analysis *	3	15	15		3	0	30
LS4PRSC	Scientific Programming *	2		12	18	0.8	1.2	30
<b>Total</b>	<b>9</b>	<b>30</b>	<b>117</b>	<b>147</b>	<b>96</b>			<b>360</b>

Semester 5								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS5HYDU	Urban Hydrology	4	21	24		4	0	45
LS5LEBA	Buildings Legislations	3	15	6	9	2.4	0.6	30
LS5MARE	Maintenance and Rehabilitation	4	12	18	15	3	1	45
LS5ORPC	Planning and Site Organization	3	9	12	9	2.4	0.6	30
LS5OSSA	Frames	2	6	9	15	1	1	30
LS5OSSP	Retaining Systems and Slope stability	3	12	12	6	2.6	0.4	30
LS5STME	Steel Structures	3	15	15		3	0	30
LS5LCGC	Civil Engineering software *	2			30	0	2	30
LS5REEC	Networks and Lighting*	3	18	12		3	0	30
LS5SSYSO	Solar System *	2	12	6	12	1.2	0.8	30
<b>Total</b>	<b>10</b>	<b>29</b>	<b>120</b>	<b>114</b>	<b>96</b>			<b>330</b>

Semester 6								
Code	Course	ECTS	MC	Ex	Lab	Theo Coef	Lab Coef	Total
LS6PRFE	Final Year Projet	12			180	0	12	180
LS6STAG	Internship Period (14 weeks) (6+8)	6				0	6	0
LS6DRGT	General and Labor Law (GC-GIM-GRIT-IG)	1	15			1	0	15
LS6MAPR	Projects Management	4	21	18	6	3.6	0.4	45
LS6COGA	General and Analytical Accounting *	3	12	18		3	0	30
LS6ENV1	Environment *	2	15	6	9	1.4	0.6	30
LS6SANI	Sanitary *	3	12	9	9	2.4	0.6	30
<b>Total</b>	<b>7</b>	<b>31</b>	<b>192</b>	<b>198</b>	<b>300</b>			<b>330</b>

ECTS : European Credits Transfer and accumulation System - MC : Main Course - Ex : Exercises - Lab : Laboratory

<b>Total ECTS :</b>	<b>180</b>
<b>Total hours</b>	<b>2070</b>