

**1- Semester 1:**

Teaching Unit	VHS	VH weekly				Credit Coefficient		Assessment method	
	14-16 weeks	C	TD	TP	Work. Personal.			Continuous	Exam
<b>EU fundamentals</b>									
<b>UEF1(O/P)</b>									
Prestressed Concrete	67.5	3	1.5	0	3	6	6	Yes	Yes
Sizing of reinforced concrete structures	67.5	3	1.5	0	3	6	6	Yes	Yes
<b>UEF2(O/P)</b>									
Dynamics of structures	45	1.5	1.5	0	3	4	4	Yes	Yes
Soil mechanics	45	1.5	1.5	0	3	4	4	yes	Yes
<b>EU methodology</b>									
<b>UEM1(O/P)</b>									
Geology-slope stability and soil treatment	45	1.5	1.5	0	3	3	3	Yes	Yes
<b>UEM2(O/P)</b>									
Earthworks and roads	45	3	1.5	0	3	3	3	Yes	Yes
Metalwork Mixed works	45	3	1.5	0	3	3	3	Yes	Yes
<b>Cross-cutting EU</b>									
<b>UET1(O/P)</b>									
English	22.5	1.5		0	1.5			Yes	Yes
<b>Total Semester 1</b>		18	10.5	0	22.5	1 30	1 30		

**2- Semester 2:**

Teaching Unit	VHS	VH Weekly TD				Credit	Coefficient	Assessment method	
	14-16 weeks	C		Other	TP			Continuous	Exam
<b>EU fundamentals</b>									
<b>UEF1(O/P)</b>									
Construction of Works in BP Internship	67.5	3	1.5	0	3	6	6	Yes	Yes
design office or company <b>UEF2 (O/P)</b>	90		3	3	3	12	12	Yes	Yes
Pathology and durability of works	67.5	3	1.5	0	3	4	4	Yes	Yes
Durability of materials <b>EU methodology</b>	45	1.5	1.5	0	3	3	3	Yes	Yes
<b>UEM1(O/P)</b>									
Works in seismic zones <b>UED2 (O/P)</b>	45	1.5	1.5	0	3	2	2	Yes	Yes
quality business assembly	45	1.5	1.5	0	3	2	2	yes	Yes
<b>Cross-cutting EU</b>									
<b>UET1(O/P)</b>									
English	22.5	1.5		0	1.5			Yes	Yes
<b>Total Semester 2</b>		12	10.5	3	19.5	1 30	1 30		

### 3- Semester 3:

Teaching Unit	VHS	VH Weekly TD				Credit Coefficient		Assessment method	
	14-16 weeks	C		Other	TP			Continuous	Exam
<b>EU fundamentals</b>									
<b>UEF1(O/P)</b>									
Computer-aided design	67.5	1.5	0	3	3	6	6		
Structure rehabilitation technique	67.5	3	1.5	0	3	6	6		
<b>UEF2(O/P)</b>									
Vulnerability and risk	45	1.5	1.5	0	3	4	4		
Matter2									
<b>EU methodology</b>									
Design of structures	45	1.5	1.5	0	3	3	3		
Water supply and sanitation networks, cable networks	45	1.5	1.5	0	3	3	3		
Security and Compliance	45	1.5	1.5		3	3	3		
Design of structures									
<b>UED2(O/P)</b>									
Building thermal and acoustics,	22.5	1.5	1.5	0	1.5	2	2		
Air conditioning and fluid distribution	22.5	1.5	0	0	1.5	2	2		
<b>Cross-cutting EU</b>									
<b>UET1(O/P)</b>									
English	22.5	1.5					1		
Matter 2									
<b>UET2(O/P)</b>									
<b>Total Semester 3</b>		15	9	3	21	30	<b>30</b>		

**4- Semester 4:****Field: science and technology****Sector : Civil Engineering****Specialty: Civil Engineering**

Internship in a company leading to a dissertation and a defense.

	<b>VHS</b>	<b>Coefficient</b>	<b>Credits</b>
<b>Personal Work</b>	270		
<b>Internship in a company</b>	382.5	30	30
<b>Seminars</b>			
<b>Other (specify)</b>			
<b>Total semester 4</b>	382.5		

**5- Overall summary of the training:** (indicate the separate overall VH in progress, TD, for the 4 semesters of teaching, for the different types of UE)

<b>VH \ EU</b>	<b>UEF</b>	<b>EMU</b>	<b>UED</b>	<b>UET</b>	<b>Total</b>
<b>Course</b>	22.5	18	0	4.5	
<b>TD</b>	16.5	13.5	0		
<b>TP</b>	31.5		0		
<b>Personal work</b>	51	0 27	0		
<b>Other (specify)</b>					
<b>Total</b>	121.5	58.5	0	4.5	
<b>Credits</b>	91	26		3	<b>120</b>
<b>% in credits for each EU</b>	75%	22%	3%		