

1- Semester 1:

| Teaching Unit | VHS | VH weekly | | | | Credit Coefficient | Assessment method | | |
|--|-------------|-----------|------|----|-----------------|--------------------|-------------------|------------|------|
| | 14-16 weeks | C | TD | TP | Work. Personal. | | | Continuous | Exam |
| EU fundamentals | | | | | | | | | |
| UEF1(O/P) | | | | | | | | | |
| 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 |
| UEF2(O/P) | | | | | | | | | |
| 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 |
| EU methodology | | | | | | | | | |
| UEM1(O/P) | | | | | | | | | |
| Geology-slope stability and soil treatment | 45 | 1.5 | 1.5 | 0 | 3 | 3 | 3 | Yes | Yes |
| UEM2(O/P) | | | | | | | | | |
| 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 |
| Cross-cutting EU | | | | | | | | | |
| UET1(O/P) | | | | | | | | | |
| English | 22.5 | 1.5 | | 0 | 1.5 | | | Yes | Yes |
| Total Semester 1 | | 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 | |
| EU fundamentals | | | | | | | | | |
| UEF1(O/P) | | | | | | | | | |
| Construction of Works in BP Internship | 67.5 | 3 | 1.5 | 0 | 3 | 6 | 6 | Yes | Yes |
| design office or company UEF2 (O/P) | 90 | | 3 | 3 | 3 | 12 | 12 | Yes | Yes |
| | | | | | | | | | |
| Pathology and durability of works Durability of | 67.5 | 3 | 1.5 | 0 | 3 | 4 | 4 | Yes | Yes |
| materials EU methodology | 45 | 1.5 | 1.5 | 0 | 3 | 3 | 3 | Yes | Yes |
| | | | | | | | | | |
| UEM1(O/P) | | | | | | | | | |
| Works in seismic zones UED2 (O/P) | 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 |
| | | | | | | | | | |
| Cross-cutting EU | | | | | | | | | |
| UET1(O/P) | | | | | | | | | |
| English | 22.5 | 1.5 | | 0 | 1.5 | | | Yes | Yes |
| Total Semester 2 | | 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 |
| EU fundamentals | | | | | | | | | |
| UEF1(O/P) | | | | | | | | | |
| Computer-aided design | 67.5 | 1.5 | 0 | 3 | 3 | 6 | 6 | | |
| Structure rehabilitation technique | 67.5 | 3 | 1.5 | 0 | 3 | 6 | 6 | | |
| UEF2(O/P) | | | | | | | | | |
| Vulnerability and risk | 45 | 1.5 | 1.5 | 0 | 3 | 4 | 4 | | |
| Matter2 | | | | | | | | | |
| EU methodology | | | | | | | | | |
| 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 | | | | | | | | | |
| UED2(O/P) | | | | | | | | | |
| 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 | | |
| Cross-cutting EU | | | | | | | | | |
| UET1(O/P) | | | | | | | | | |
| English | 22.5 | 1.5 | | | | | 1 | | |
| Matter 2 | | | | | | | | | |
| UET2(O/P) | | | | | | | | | |
| Total Semester 3 | | 15 | 9 | 3 | 21 | 30 | 30 | | |

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

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

| | VHS | Coefficient | Credits |
|--------------------------------|------------|--------------------|----------------|
| Personal Work | 270 | | |
| Internship in a company | 382.5 | 30 | 30 |
| Seminars | | | |
| Other (specify) | | | |
| Total semester 4 | 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)

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