

4. Organization of teachings

• FIRST SEMESTER

Field: Computer Engineering		Specialty: Computer Engineering Option: Software Engineering					
Course Code	Course titles	Number of hours					Number Of Credits
		L	T	P	SPW	Total	
Fundamental Courses 30% (2 UC) 9 credits 135 hours							
SWE111	Engineering Maths I	45	25	0	5	75	5
SWE112	Basic environment I	20	10	25	5	60	4
Professional courses 60% (4 UC) 18 credits 270 hours							
SWE113	Digital electronics	30	10	0	5	45	3
SWE114	Introduction to algorithms	40	30	0	5	75	5
SWE115	Introduction to software engineering	70	30	0	5	105	7
SWE116	Multi-media data processing	20	5	20	0	45	3
Transversal Courses 10% (1 UC) 3 credits 45 hours							
SWE117	English and general accounting	30	10	0	5	45	3
Total		225	120	45	30	450	30

• SECOND SEMESTER

Field: Computer Engineering		Specialty: Computer Engineering Option: Software Engineering					
Course Code	Course titles	Number of hours					Number Of Credits
		L	T	P	SPW	Total	
Fundamental Courses 30% (2 UC) 9 credits 135 hours							
SWE121	Engineering maths II	35	20	0	5	60	4
SWE122	Basic environment II	35	20	15	5	75	5
Professional courses 60% (4 UC) 18 credits 270 hours							
SWE123	Architecture	20	10	25	5	60	4
SWE124	Database and MERISE I	40	15	15	5	75	5
SWE125	Programming I	20	15	35	5	75	5
SWE126	Maintenance and legal regulations	25	15	15	5`	60	4
Transversal Courses 10% (1 UC) 3 credits 45 hours							
SWE127	Economics and Enterprise Organisation (EEO) and French	30	10	0	5	45	3
Total		205	105	105	35	450	30