

IT - COMPUTER SCIENCE SPECIALIZATION ENGINEERING DEGREE OVERVIEW

(STUDENT STATUS)

Semester	Course	Learning Unit (LU)	Total hours	ECTS
5	SF	UE 5.0 : Scientific seminar	68	2
5	STS	UE 5.1 : System Administration	109	8
5	SF	UE 5.2 : System programming	103	8
5	EM	UE 5.3 : Engineering methodology	98	9
5	HUM	UE 5.4 : Professional behaviour	10	0
5	HUM	UE 5.5 : English	35	3
		Total semester 5	423	30
6	MC	UE 6.1 : Internship	0	12
6	STS	UE 6.2 : Databases	90	5
6	SF	UE 6.3 : Mathematics and data processing	126	6
6	HUM	UE 6.4 : Professional behaviour	38	4
6	HUM	UE 6.5 : English	35	3
		Total semester 6	289	30
7	MC	UE 7.1 : Internship abroad		30
		Total semester 7	0	30
8	EM	UE 8.1 : Strategy of information systems	192	8
8	STS	UE 8.2L : Software development	124	6
8	STS	UE 8.3L : Advanced software Development	186	8
8	STS	UE 8.2R : Wide area networks	162	8
8	STS	UE 8.3R : Communication and organisation	148	6
8	SF	UE 8.4 : Initiation to research	50	3
8	HUM	UE 8.5 : Professional behaviour	12	2
8	HUM	UE 8.6 : English	35	3
		Total semester 8	599	30
9	HUM	UE 9.1 : Corporate Communication	42	4
9	EM	UE 9.2 : Project Management	77	5
9	EM	UE 9.3 : Innovation	105	6
9	STS	UE 9.4 : Option	175	7
9	HUM	UE 9.5 : Corporate Strategy	105	6
9	HUM	UE 9.6 : English	21	2
		Total semester 9	525	30
10	MC	UE : 10.1 : End of studies project		10
10	MC	UE : 10.2 : End of studies internship		20

SYLLABUS SYNTHETIQUE CYCLE INGENIEUR INFORMATIQUE (FISE) ENG

	Total semester 10	0	30
Semester 5 = 3rd year, 1st semester Semester 6= 3rd year, 2nd semester Semester 7 = 4th year, 1st semester Semester 8 = 4th year, 2nd semester Semester 9 = 5th year, 1st semester Semester 10 = 5th year, 2nd semester	Courses SF Science Fundamentals STS Science and Technology - specialization IT EM Engineering methodology HUM Humanities - including English (ENG) MC Missions in company (professional experience)		