

Group number: 4374-17.02-IT		Study Duration: 01.10.2017 until 31.03.2019					Version: 01.10.2017 (V1)				
Master's Course: Information Technology (M.Eng.) - consecutive -											
Vers. N°	----- Compulsory modules -----		1	2	3		Sem	Type	Sem	Type	
1056-3	M 1 Information and Coding Theory										
1056 1057	Information and Coding Theory Mathematical and Scientific Methods I	L/Exe/Lab	5			8	1	WE + SRP	1	Te(V2)	8
1066-3	M 2 Transmission Technology										
1066 1067	Transmission Technology Mathematical and Scientific Methods II	L/Exe/Lab	5			8	1	WE + SRP	1	Te(V2)	8
2762	M 3 DSP in Image Processing										
1071 1073	Image Processing Digital Signal Processing	L/Exe/Lab		5		8	2	SRP			8
2763	M 4 Real-Time Programming										
1072 1074	Real-Time Programming I Real-Time Programming II	L/Exe/Lab		5		8	2	SRP			8
1008-2	M 9 Project										
1008	Project	PW		5		8	2	PW			8
A-1003	M 10 Master's Thesis										
	Master's Thesis	Th			25	26	3	Th 75% Co 25%			26
	----- Elective Modules ----- *										
1075-3	M 5 Embedded Systems										
1075 1076	Embedded Systems Integrated Circuits	L/Exe/Lab	5	5		8	1 or 2	SRP			8
2196-2	M 6 Embedded Security										
2196 2595	Embedded Security Secure Protocols	L/Exe/Lab	5	5		8	1 or 2	SRP			8
1079-3	M 7 Robotics										
1079 2764	Robotics Advanced Control Engineering in Robotics	L/Exe/Lab	5	5		8	1 or 2	SRP			8
1081-2	M 8 Communications Networks										
1081 1082	Communications Networks Optical Communications	L/Exe/Lab	5	5		8	1 or 2	SRP			8
	Sum					90					

Vers. N° = Version number of the module/course

Rules specific to the course:

(1) Entry requirements

- Bachelor's degree or comparable, with 210 CP, required in one of the following areas: Electrical Engineering, Communications Engineering, Information Technology, Technical Computer Science, Control Engineering, Electronics or similar.
- The teaching language is English; Admission requirements for the degree program are English language skills at the level of the TOEFL test or the Cambridge certificate.

(2) General characteristics of the course

- Total achievable Credit points (90 CP) for the study duration of 1.5 years. Workload per 1 CP = 25 hours. Every CP achieved contributes percentually to the overall grade of the Master degree.
- Type of study: full time.

(3) Specific characteristics of the course

- Exactly three elective modules are required.
- The duration of the Master's Thesis, including the Colloquium, is 25 weeks.