

Wireless and Sensor Systems

Basic homologation courses for bachelor CS (10 EC):

	191210001	Instrumentation for Embedded Systems	5 EC
	201100109	Signals and Transformations (1B)	5 EC

Basic homologation courses for bachelor EE (10 EC):

	192135050	Programming 2	5 EC
	192110452	Operating Systems	5 EC

Basic courses (25 EC):

X	201000075	Wireless Sensor Networks (1A)	5 EC
X	191211590	SoC for ES (1A)	5 EC
X	192620010	Mobile and Wireless Networking I (2A)	5 EC
X	192111301 / 191211030	Ubiquitous Computing ¹ (2A)/ Mobile Radio Communication ² (2B)	5 EC
X	192166500	Computer Ethics (2B)	5 EC

Basic elective courses (15 EC):

	192130112	Distributed Systems (1B)	EC
	191211030 / 192111301	Mobile Radio Communication ¹ (2B)/ Ubiquitous Computing ² (2A)	EC
	192620300	Performance Evaluation I (1B)	EC
	192620020	Mobile and Wireless Networking II (2B)	EC
	191210590	Embedded Signal Processing (2A)	EC
	192110880	Sensor Data Management (1A)	EC

Elective courses (30 EC):

X	191211208	Internship (20 EC, not for HBO students)	EC
			EC
			EC
			EC
			EC
			EC
			EC
			EC

Graduation (40 EC):

X	191211749	Individual Project	10 EC
X	192199978	Final Project	30 EC

¹ Masters programme

² Graduate school

Feasibility Masters Programme

Homologation courses for bachelor CS (10 EC):				1A	1B	2A	2B
	191210001	Instrumentation for Embedded Systems (1B)	5 EC		X		
	191561800	Signals and Systems (1A)	5 EC	X			
				5	5	0	0

Homologation courses for bachelor EE (10 EC):				1A	1B	2A	2B
	192135050	Programming 2 (2A)	5 EC			X	
	192110452	Operating Systems (1B)	5 EC		X		
				0	5	5	0

Basic courses (25 EC):				1A	1B	2A	2B
X	201000075	Wireless Sensor Networks (1A)	5 EC	X			
X	191211590	SoC for ES (1A)	5 EC	X			
X	192620010	Mobile and Wireless Networking I (2A)	5 EC			X	
X	192111301	Ubiquitous Computing (2A)	5 EC			X	
X	192166500	Computer Ethics (2B)	5 EC				X
				10	0	5	10

Basic elective courses (15 EC):				1A	1B	2A	2B
	192130112	Distributed Systems (1B)	5 EC		X		
	191211030	Mobile Radio Communication (2B)	5 EC				X
	192620300	Performance Evaluation I (1B)	5 EC		X		
	192620020	Mobile and Wireless Networking II (2B)	5 EC				X
	191210590	Embedded Signal Processing (2A)	5 EC			X	
	192110880	Sensor Data Management (1A)	5 EC	X			
				5	10	5	10

Totals basic programme first year (CS)	15	5	10	5
Totals basic programme first year (EE)	10	5	15	5

Internship (20EC) and Graduation (40 EC):				1A	1B	2A	2B
X	191211208	Internship (not for HBO students)	20 EC	X	X		
X	191211749	Individual Project	10 EC		X		
X	192199978	Final Project	30 EC			X	X
				15	15	15	15

Totals basic programme second year (CS)(EE)	15	15	15	15
Totals basic programme second year (HBO)	0	10	15	15