

Study information:  
 EU: free  
 Non-EU: tuition fee



# MECHATRONICS MAHM02/18



Semester

IV

III

II

I

			EEM0110 Mechatronics Master Seminar /6 EAP	MSc Thesis 24 EAP								
	EEM0040 Machine Vision	EMT8130 Advanced Manufacturing Planning and Control Systems	EMT0040 Computer Aided Manufacturing	IAS0023 Intelligent Control Systems	ITE4150 Foundations of Cyber Security	IAS0051 Applied Data Communication	IEE1630 Networks of Smart Things	EEV5040 Industrial Automation and Drives	MMO5500 Management and Leadership	EEM0062 Quality Management	Free choice	
		IHB0160 Biomedical Sensors	EIS4080 Fundamentals of Sustainable Energy Engineering	IAS0060 Robotics	IAS0031 Modeling and Identification	EEM0080 Advanced Robotics	UTT0110 Mechatronics and Smart Systems - project	EEM0050 Industrial Internship	IEP1010 Prototyping	TMJ3300 Entrepreneurship and Business Planning		
		IAS0410 Object Oriented Programming	IEE1720 Data Acquisition Means and Methods	IEE1550 Electronics	EEM0020 Dynamics of Robots and Machines	IAS0430 Microprocessor Systems	EEM0090 Mechatronics Systems Modeling and Control	IAS0065 Control Instrumentation	MLE0010 Estonian Language and Culture	MLI0010 English for Science and Research		
EAP	1	6	12	18	24	30	36	42	48	54	60	66

# MECHATRONICS, MAHM

Year 1

Year 2

Microprocessor Systems	Object Oriented Programming	Entrepreneurship and Business Planning	Prototyping	Industrial Automation and Drives	Networks of Smart Things
Mechatronics Systems Modeling and Control	Data Acquisition Means and Methods	Advanced Robotics	Industrial Internship	Mechatronics Master Seminar	Applied Data Communication
Control Instrumentation	Electronics	Modeling and Identification	Mechatronics and Smart Systems - project	Foundations of Cyber Security	Machine Vision
Estonian Language and Culture	Dynamics of Robots and Machines	Biomedical Sensors	Robotics	Advanced Manufacturing Planning and Control Systems	Intelligent Control Systems
English for Science and Research			Fundamentals of Sustainable Energy Engineering	Computer Aided Manufacturing	Management and Leadership
				Free choice	Quality Management

**Master Thesis**

Autumn

Spring

Autumn

Spring



Compulsory courses



Selecting one course per study period is compulsory



Selecting three courses per study period are compulsory



Selecting three courses per study period are compulsory



Selecting one course per study period is compulsory