

Track 1 High-tech systems and robotics					
	A	B	C	D	E
Quarter 1	6a. 5CTA0 Statistical signal processing		1. 5ARB0 Data acquisition and analysis	3. 5ARA0 Software engineering for artificial intelligence	2. 5ARC0 Human and ethical aspects of AI
	T1 4MM00 Composite and light-weight materials: design and analysis	T1 4CM10 System theory for control	T2 4CM00 Control engineering	T1 5CSA0 Modelling dynamics	
Quarter 2	4b. 5ARD0 Control principles for linear systems			5a. 5SSD0 Bayesian machine learning and information processing	
	T1 4DM10 Multibody and non-linear dynamics		T1 5LMA0 Model reduction	T1 4SC000 Optimal control and reinforcement learning	T2&3 5LSH0 Computer vision AI and 3D Data Analysis
			T1 4EM40 Heat and flow in microsystems		
	5XSL0 Fundamentals of machine learning		5LIQ0 Linear systems, signals and control		2DL70 Probability and Statistics
Quarter 3		6a. 5CTA0 Statistical signal processing		4a. 4CM40 Physical and data-driven modelling	
		6b. 4DM20 Engineering optimization			
	T2 5LMC0 Model predictive control		T3 5SMB0 System identification	T1 2MMA20 Partial differential equations	T2 4CM00 Control engineering
			T3 2IX30 Responsible Data Science		T1 5LMC0 Robust control
			T1 5LIL0 Intelligent architectures		T1&4 4CM120 Data-based optimization of control systems
	5EPD0 Physics for EE			JBI050 Data management for data analytics	
Quarter 4			5b. 1BM120 Decision making with artificial and computational intelligence		
	T1 5LIA0 Embedded visual control	T4 5SC28 Machine learning for Systems and control	T1 0HM280 Human-robot interaction	T1 4CM50 Applications of design principles	T4 4AI000 Machine learning for multi-physics modelling and design
	T2 5LWC0 Advanced actuator design			T1 4SC020 Mobile robot control	
	T4 5LSL0 Machine learning for signal processing				
	5EZB0 Math 2				
		Team Internship			
					Team Internship

Legend:

Core courses	Specialization courses	Homologation	Team Internship
T1 Domain-specific knowledge	T2 AI in Engineered Systems	T3 Data Cultivation	T4 Learning and Intelligence

The specialization courses and the core course 6a 5CTA0 Statistical signal processing can be taken in Year 2 as well.
Keep in mind that the graduation project AI&ES is scheduled in Q2-Q4 Year 2.