

Track 4 Smart cities					
	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 7LY5M0 Data science for intelligent buildings	T1 7LY3M0 Building performance and energy systems simulation		
Quarter 2	4b. 5ARD0 Control principles for linear systems			5a. 5SSD0 Bayesian machine learning and information processing	
	T1 1CM110 Decision making in transport and mobility	T2 7KT4M0 Digital design & manufacturing		T1 7ZW5M0 Smart healthy urban environments	T3 7M900 Fundamentals of building information modeling
					T3&4 5LSH0 Computer vision AI and 3D Data Analysis
	5XSLO 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			T4 5XSK0 Data fusion and semantic interpretation
					T3 2IMA20 Algorithms for Geovisualization
					T2 0HM150 Advanced cognitive engineering
					T4 5LSM0 Neural networks for computer vision
	5EPD0 Physics for EE			JBI050 Data management for data analytics	
			Team Internship		
Quarter 4			5b. 1BM120 Decision making with artificial and computational intelligence		
	5EZB0 Math 2				
	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.