

AT curriculum 2017-2018

	M1: 201700090 Hemmes Mechanics	M2: 201700091 Ter Brake Thermodynamics	M3: 201700092 Koster Fundamentals of Materials	M4: 201700093 Marsman Dynamics
First year	Calculus 1 (4.0 EC)	Calculus 2 (3.0 EC)	Vector Calculus (3.0 EC)	Linear Algebra (3.0 EC)
	Mechanics (4.5 EC)	Thermodynamics (4.5 EC)	Materials (9.5 EC)	Dynamic Systems (4.0 EC)
	Laboratory practice (3.5 EC)	Laboratory practice (3.5 EC)		Instrumentation (4.0 EC)
	Project (3.0 EC)	Project (4.0 EC)	Analyzing Technology in Society (2.5 EC)	Project Accelerometer (4.0 EC)
Second Year	Signals & Models (10.0 EC)	1) Materials Science and Engineering 201700097	Finite Element Methods (3.0 EC)	System Engineering (6.0 EC)
		- Advanced Materials (5.0 EC) - Chemistry and Technology of Inorganic Materials (5.0 EC) - Semiconductor Devices (5.0 EC) - Physical Chemistry of Inter. (5.0 EC)	Electro- and Magnetostatics (9.0 EC)	
	2) Transport Phenomena 201400162	Project Antenna (3.0 EC)		Knowledge Production in Innovation (5.0 EC)
	- Transport Phenomena (7.5 EC) - Numerical Methods (3.75 EC) - Project (3.75 EC)			
System Analysis (2.0 EC)	3) Systems and Control for AT 201700076			
Project SMS (3.0 EC)	- Electronic Basic Circuits and Functions (4.0 EC) - Engineering System Dynamics (4.0 EC) - Control Engineering (4.0 EC) - Project (3.0 EC)			
Third Year	M9 Master Preparation	M10 Master Preparation	M11 Master Preparation	M12: 201700099 Hemmes BSc Assignment
	Choice: Check master admission requirements on AT webpage	Choice: Check master admission requirements on AT webpage	Choice: Check master admission requirements on AT webpage	Scientific/Design (6.0 EC)
				Choice: Preparation BSc Assignment (4.0 EC)