

AT programme 2017-2018

First year (cohort 2017)	M1: 201700090 Hemmes Mechanics	M2: 201700091 Ter Brake Thermodynamics	M3: 201700092 Koster Fundamentals of Materials	M4: 201700093 Marsman/Wormeester Dynamics
	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 (cohort 2016)	M5: 201700095 Wormeester Signals, Models & Systems	M6 Choice	M7: 201700143 de Jong Fields & Waves	M8: 201700144 Stienstra SEEK
	Signals & Models (10.0 EC)	1) Materials Science and Engineering 201700097 - 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)	Finite Element Methods (3.0 EC)	System Engineering (6.0 EC)
	System Analysis (2.0 EC)	2) Transport Phenomena 201400162 - Transport Phenomena (7.5 EC) - Numerical Methods (3.75 EC) - Project (3.75 EC)	Electro- and Magnetostatics (9.0 EC)	Entrepreneurship and Innovation Management (4.0 EC)
	Project SMS (3.0 EC)	3) Systems and Control for AT 201700076 - Electronic Basic Circuits and Functions (4.0 EC) - Engineering System Dynamics (4.0 EC) - Control Engineering (4.0 EC) - Project (3.0 EC)	Project Antenna (3.0 EC)	Knowledge Production in Innovation (5.0 EC)
Third year (cohort 2015)	M9 Master Preparation	M10 Master Preparation	M11 Master Preparation	M12: 201700099 Hemmes BSc Assignment
	Choice: Check master admission requirements on AT webpage Offered by the AT Programme: Science 201700072	Choice: Check master admission requirements on AT webpage	Choice: Check master admission requirements on AT webpage Offered by the AT programme: Micro System Design & Realization 201700098	Scientific/Design (6.0 EC)
			Choice: Preparation BSc Assignment (4.0 EC)	Communication (4.5 EC)
				Work process (4.5 EC)