

# AT curriculum 2016-2017

	M1: 201500197 Hemmes <b>Mechanics</b>	M2: 201300147 ter Brake <b>Thermodynamics</b>	M3: 201500370 Koster <b>Fundamentals of Materials</b>	M4: 201600181 Seddon <b>Dynamics</b>
<b>First Year</b>	Mathematics A + B1 (4.0 EC)	Mathematics B2 (3.0 EC)	Mathematics C1 (3.0 EC)	Mathematics D1 & Vector Mathematics (4.0 EC)
	Mechanics (4.5 EC)	Thermodynamics (4.5 EC)	Materials (9.5 EC)	Dynamic Systems (3.0 EC)
	Laboratory practice (3.5 EC)	Laboratory practice (2.5 EC)	(Quantum matter) (Materials structure & Properties) (Organic Chemistry) (Project)	Instrumentation (4.0 EC)
	Project (3.0 EC)	Project (5.0 EC)	Analyzing Technology in Society (2.5EC)	Project Accelerometer (4.0 EC)
<b>Second Year</b>	M5: 201600129 Wormeester <b>Signals, Models &amp; Systems</b>	M6: 201400158 Huijben <b>Materials Science and Engineering</b>	M7: 201600177 de Jong <b>Fields &amp; Waves</b>	M8: 201600370 Ehrenhard <b>SEEK</b>
	Signals & Models (9.0 EC) <i>(Transformations, Stochastic Signals)</i> <i>(Modelling &amp; properties of dynamic systems)</i>	Advanced Materials (5.0 EC)	Finite Element Methods & Vector Mathematics (4.0 EC)	System Engineering (6.0 EC)
	System Analysis (3.0 EC)	Chemistry and Technology of Anorganic Materials (5.0 EC)	Electro- and Magnetostatics (8.0 EC)	Entrepreneurship and Innovation Management (5.0 EC)
	Project SMS (3.0 EC)	Choice: Semiconductor Devices (5.0 EC) Interfaces and Catalysis (5.0 EC)	Project Antenna (3.0 EC)	Knowledge Production in Innovation (4.0 EC)
<b>Third Year</b>	M9 <b>Master Preparation</b>	M10 <b>Master Preparation</b>	M11 <b>Master Preparation</b>	M12: 201600140 Hemmes <b>BSc Assignment</b>
	NT: Science APH: Science CHE: Industriële Processen	NT: Lab on a Chip APH: part of TN 6 CHE: FTV	NT: Nanomechanics APH: part of TN7 CHE: free choice	
	ME: free choice SC: free choice SET: free choice	ME: Systems and Control SC: Systems and Control SET: Systems and Control	ME: Heat & Flow SC: Heat & Flow SET: Heat & Flow	
	BA: premaster programme IEM: premaster	BA: premaster programme IEM: free choice	BA: free choice IEM: free choice	
others see AT webpage	others see AT webpage	others see AT webpage		
		Preparation BSc (4.0 EC) part of some modules		