

AT programme 2018-2019

	M1: 201700090 Hemmes Mechanics	M2: 201700091 Ter Brake Thermodynamics	M3: 201700092 Koster Fundamentals of Materials	M4: 201700093 Marsman/Wormeester Dynamics
First year (cohort 2018)	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)	Dynamical Systems (4.0 EC)
	Laboratory practice (3.5 EC)	Laboratory practice (3.5 EC)		Instrumentation (4.0 EC)
	Project Mechanics (3.0 EC)	Project Thermodynamics (4.0 EC)	Analyzing Technology in Society (2.5 EC)	Project Accelerometer (4.0 EC)
Second year (cohort 2017)	M5: 201800128 Wormeester Signals, Models & Systems	M6 Choice*	M7: 201700143 de Jong Fields & Waves	M8: 201800509 Bliet Business & Society
	Signals (4.0 EC)	Materials Science and Engineering 201800129	Finite Element Methods (3.0 EC)	Entrepreneurship & Innovation Management (7.5 EC)
	Models (4.0 EC)	Transport Phenomena 201400162	Electro- and Magnetostatics (9.0 EC)	
	Elective (4.0 EC) - Engineering Solid Mechanics - Programming in Engineering - Classical Mechanics	Systems and Control for AT 201700076		Project Antenna (3.0 EC)
Project SMS (3.0 EC)	Software Systems 201700117 & Introduction to Mathematical Analysis 201400385			
Third year (cohort 2016)	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: Condensed Matter Physics for AT 201800130	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)
				Communication (4.5 EC)
			Choice: Preparation BSc Assignment (4.0 EC)	Work process (4.5 EC)

* Detailed information can be found on the next page.

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Module 6 choices	<p>Module 6a: 201800129 Mark Huijben</p> <p>Materials Science and Engineering</p>	<p>Module 6b: 201400162 Wim Brillman</p> <p>Transport Phenomena</p>	<p>Module 6c: 201700076 Gijs Krijnen</p> <p>Systems and Control for AT</p>	<p>Module 6d: 201700117 Luis Ferreira Pires</p> <p>Software Systems</p>
	<p>Advanced Materials (3.5 EC)</p>	<p>Transport Phenomena (7.5 EC)</p>	<p>Electronics (4.0 EC)</p>	<p>Design Theory (2.0 EC)</p>
	<p>Fundamentals of Solids (3.5 EC)</p>	<p>Numerical Methods (3.75)</p>	<p>Engineering System Dynamics (4.0 EC)</p>	<p>Programming Theory (4.0 EC)</p>
	<p>Chemistry and Technology of Materials (4.0 EC)</p>	<p>Project (3.75 EC)</p>	<p>Control Engineering (4.0 EC)</p>	<p>Design Project (2.0 EC)</p>
<p>Elective: Semiconductor Devices / Physical Chemistry of Interfaces (4.0 EC)</p>		<p>Project (3.0 EC)</p>	<p>Programming Project (4.0 EC)</p>	
	<p>This module is coordinated by the Chemical Science and Engineering programme.</p>		<p>This module is coordinated by the Technical Computer Science programme.</p>	<p>201400385 Introduction to Mathematical Analysis (3.0)</p>