Last modified March, 2018

AT programme 2017-2018

First year (cohort 2017)

M1: 201700090 Hemmes	M2: 201700091 Ter Brake	M3: 201700092 Koster	M4: 201700093 Marsman/Wormeester
Mechanics	**Thermodynamics**	**Fundamentals of Materials**	**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)	Dynamical 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	M6	M7: 201700143 de Jong	M8: 201700144 Stienstra
Signals, Models & Systems	**Choice**	**Fields & Waves**	**Business & Society**
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)* **2) Tranport Phenomena 201400162** - Transport Phenomena (7.5 EC) - Numerical Methods (3.75 EC) - Project (3.75 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)	Finite Element Methods (3.0 EC)	System Engineering (6.0 EC)
System Analysis (2.0 EC)		Electro- and Magnetostatics (9.0 EC)	Entrepreneurship and Innovation Management (4.0 EC)
Project SMS (3.0 EC)		Project Antenna (3.0 EC)	Societal Embedding of Innovation (5.0 EC)

Third year (cohort 2015)

M9	M10	M11	M12: 201700099 Hemmes
Master Preparation	**Master Preparation**	**Master Preparation**	**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)
			Communication (4.5 EC)
		Choice: Preparation BSc Assignment (4.0 EC)	Work process (4.5 EC)