

AT programme 2021-2022

| | | | | |
|---|---|--|---|---|
| First year (cohort 2021) | M1: Becht 202000610 | M2: Onnink 202000614 | M3: Koster 202000618 | M4: Onnink 202000622 |
| | Mechanics | Thermodynamics | Fundamentals of Materials | Dynamics |
| | Calculus 1 * (202001212) (4.0 EC) | Calculus 2 * (202001216) (3.0 EC) | Vector Calculus * (202001230) (3.0 EC) | Linear Algebra * (202001208) (3.0 EC) |
| | Mechanics * (202000611) (4.5 EC) | Thermodynamics * (202000615) (4.5 EC) | Structure and Properties of Materials * (202000619) (6.0 EC) | Dynamical Systems * (202000623) (4.0 EC) |
| Lab Practice and Programming Skills 1 (202000612) (3.5 EC) | Lab Practice and Programming Skills 2 (202000616) (3.5 EC) | Quantum Matter * (202000620) (3.0 EC) | Basic Electronics and Instrumentation * (202000624) (4.0 EC) | |
| Project Mechanics (202000613) (3.0 EC) | Project Thermodynamics (202000617) (4.0 EC) | Organic Chemistry * (202000621) (3.0 EC) | Project Accelerometer * (202000625) (4.0 EC) | |
| Second year (cohort 2020) | M5: Onnink 202000690 | M6 | M7: van den Beld 202000651 | M8: de Weerd-Nederhof 202000655 |
| | Signals, Models & Systems | Elective module** | Fields & Waves | Business & Society |
| | Signals * (202000627) (4.0 EC) | Materials Science and Engineering | Finite Element Methods * (202000652) (3.0 EC) | Entrepreneurship & Innovation Management * (202000656) (6.0 EC) |
| | Models * (202000628) (4.0 EC) | Transport Phenomena | Electro- and Magnetostatics * (202000653) (9.0 EC) | Data, Statistics and Probability for Engineers * (202000657) (5.0 EC) |
| Elective * (4.0 EC): - Engineering Solid Mechanics (202000695) - Programming in Engineering (202000630) - Classical Mechanics (202000694) - Electronics (202000644) | Systems and Control | Project Antenna * (202000654) (3.0 EC) | Socio-technical Futures * (202000658) (4.0 EC) | |
| Project SMS * (202000693) (3.0 EC) | Software Systems | | | |
| Third year (cohort 2019) | M9 | M10 | M11 | M12: Hemmes BSc Assignment (202000670) |
| | Master Preparation | Master Preparation | Master Preparation | Scientific/Design |
| | Choice: Check master admission requirements on AT webpage Offered by the AT Programme: Condensed Matter Physics for AT (202000659) | 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 (202000664) | Communication |
| | | | Preparation Bachelor Assignment (202000668) (4.0 EC) | Work process |

* Open to students from other educational programmes.

** Detailed information can be found on the next page.