|  |  |
| --- | --- |
| Student name: |  |
| Student number: |  |
| Student email: |  |

## 1st YEAR S&C

## S&C OBLIGATORY COURSES

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
| SC42015 | Control Theory | 6 |
| SC42025 | Filtering & Identification | 6 |
| SC42056 | Optimization in Systems and Control | 3 |
| SC42061 | Nonlinear System Theory | 3 |
| SC42095 | Control Engineering | 3 |
| SC42145 | Robust Control | 3 |
| SC42150 | Statistical Signal Processing | 3 |
| SC42155 | Modelling of Dynamical Systems | 3 |
| SC52035 | Integration project | 5 |
|  | Total S&C OBLIGATORY COURSES | **35** |

**S&C ETHICS COURSES:** select 1 course

|  |  |  |  |
| --- | --- | --- | --- |
| Course code | | Course name | EC |
|  | WM0320TU | Ethics & Engineering | 3 |
|  | WM0349WB | Philosophy of Engineering Science and Design | 3 |
|  | WM0801TU | Introduction safety science | 3 |
|  |  | Total S&C ETHICS COURSES |  |

**S&C ELECTIVE COURSES** (≥22 EC if box JIP is checked, ≥27 EC if box Research Assignment is checked; ≥37 EC if box additional

elective courses is checked. Choose ≥2 courses with an SC code. Check the Study Guide for al complete overview of courses to

choose from)

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Total S&C ELECTIVE COURSES |  |

**FREE TECHNICAL ELECTIVE COURSES** (optional)

(≤ 4 EC out of 22 EC ; ≤6 EC out of 27 EC ; ≤9 EC out of 37 EC)

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Total FREE TECHNICAL ELECTIVE COURSES |  |

**2nd YEAR S&C**

## S&C JIP/ RESEARCH PROJECT/ADDITIONAL ELECTIVES 2nd YEAR (15 EC): check one of the boxes

|  |  |  |  |
| --- | --- | --- | --- |
| Code | | Assignment name | EC |
|  | TUD4040 | Joint Research Project | 15 |
|  | SC52055 | S&C Research Assignment + ≥ 5EC Additional Elective Courses | 15 |
|  |  | Additional Elective Courses (≥ 15 ECTS) | 15 |
|  |  | **Total JIP/research project/additional electives** | 15 |
|  | | |  |

**S&C GRADUATION PROJECT** (45 EC)

|  |  |  |
| --- | --- | --- |
| Code | Course name | EC |
| SC52010 | S&C Literature Research | 10 |
| SC52135 | S&C MSc Thesis | 35 |
|  | Total S&C GRADUATION PROJECT | **45** |
|  | Total of complete program (≥ 120 EC) |  |

## 

|  |  |  |
| --- | --- | --- |
| **Date:** |  |  |
| Signature Master Coordinator:  **Ton van den Boom/Martha Otte** | Signature student: | Examination board: |