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| 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 |
|  | Total S&C OBLIGATORY COURSES | **30** |

**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** (≥21 EC if box research project is checked, ≥28 EC if box additional elective courses is checked)

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

**FREE TECHNICAL ELECTIVE COURSES** (S&C electives + free technical electives ≥27 EC if box research project is checked,

S&C electives + free technical electives ≥37 EC if box additional elective courses is checked)

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

2nd YEAR S&C

## S&C INTEGRATION PROJECT 2nd YEAR (5 EC):

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| --- | --- | --- |
| Code | Assignment name | EC |
| SC52035 | Integration project | 5 |
|  | **Total S&C integration project** | 5 |

## S&C RESEARCH PROJECT/ADDITIONAL ELECTIVES 2nd YEAR (10 EC): check one of the boxes

|  |  |  |  |
| --- | --- | --- | --- |
| Code | | Assignment name | EC |
|  | SC52055 | S&C Research Assignment | 10 |
|  |  | Additional Elective Courses (≥ 10 ECTS) |  |
|  |  | **Total research project/additional electives** | 10 |
|  | | |  |

*\*Tick this box if you used 10 Electives*

**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) |  |

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| --- | --- | --- |
| **Date:** |  |  |
| Signature Master Coordinator:  **Ton van den Boom** | Signature student: | Board of Examiners 3mE: |