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**Faculty of Mechanical, Maritime and Materials Engineering**

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| **STUDY PROGRAM IN MSC MECHANICAL ENGINEERING 2017-2018** |
| Student name: |       | Student Id number: |       |
| E-mail: |       |  |  |
| Track ME: | OM - Opto-Mechatronics | Specialisation ME: | none |
| Annotation: |  |  |  |

## Additional COURSES “SCHAKELKLAS” (ONLY FOR TH-BACHELORS):

|  |  |  |  |
| --- | --- | --- | --- |
| Course code | Course name | EC |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
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## COURSES Obligatory for Master ME including a society oriented course (≤ 6 ECTS)

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| --- | --- | --- | --- |
| Course code | Course name | EC |  |
| ME46005 | Physics and Measurement | 6 |  |
| ME46000 | Nonlinear Mechanics | 4 |  |
| SC42000 | Control Systems Design | 3 |  |
| ME45000 | Heat Transfer | 3 |  |
|  |  |  |  |
| Total obligatory courses ME |  |  |

## COURSES Obligatory for OM Track

|  |  |  |  |
| --- | --- | --- | --- |
| Course code | Course name | EC |  |
| ME46300 | Optics | 4 |  |
| ME46305 | Optics Practical | 2 |  |
| ME46310 | Opto-Mechatronics | 4 |  |
| ME46315 | Micro Optical Instruments | 4 |  |
| SC42065 | Adaptive Optics | 3 |  |
| ME46085 | Mechatronic System Design | 4 |  |
| ME46105 | Student colloquia and events PME | 1 |  |
| ME46110 | Intro lab PME  | 2 |  |
| Total obligatory courses track |  |  |

**COURSES** Recommended Electives

|  |  |  |  |
| --- | --- | --- | --- |
| Course code | Course name | EC |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
| Total star elective courses  |  |  |

**COURSES** Electives

|  |  |  |  |
| --- | --- | --- | --- |
| Course code | Course name | EC |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
|       |       |       |  |
| Total common elective courses  |       |  |
| Total of all courses |       | ≥ 60 EC |

## ASSIGNMENTS Work placement, MSc-project, Traineeship, other projects

|  |  |  |  |
| --- | --- | --- | --- |
| Code | Assignment name | EC |  |
| ME56015 | Traineeship PME | 15 |  |
| ME56010 | Literature survey  | 10 |  |
| ME56035 | Final Student Project (Thesis) | 35 |  |
| Total of all assignments | 60 | 60 EC |

|  |  |  |
| --- | --- | --- |
| Total of complete program |       | ≥ 120 EC |

EC = European Credit. 1 EC = 28 hours study load

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| Name of Professor: |       | Date: |        |

Signature Professor: Signature student: Examination board:

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last updated 10/9/2019