

FORM FOR TH/TU-BACHELORS

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

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| **STUDY PROGRAM MASTER MECHANICAL ENGINEERING 2017-2018** | | | |
| Student name: |  | Student number: |  |
| E-mail: |  |  |  |
| Track ME: | **TRANSPORT ENGINEERING & LOGISTICS** |  |  |

## COURSES - Obligatory for master:

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| --- | --- | --- |
| Course code | Course name | EC |
| ME45000 | Advanced Heat Transfer | 3 |
| ME46000 | Nonlinear Mechanics | 4 |
| ME46005 | Physics and Measurement | 6 |
| SC42000 | Control System Design | 3 |

## COURSES - Obligatory for track:

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
| ME44000 | Introduction Transport Engineering and Logistics | 3 |
| ME44100 | Dynamics of Material and Equipment Interaction | 3 |
| ME44105 | Structural Design with FEM | 4 |
| ME44110 | Design of Transport Equipment | 5 |
| ME44200 | Intelligent Control for Transport Technology | 3 |
| ME44205 | Quantitative Methods for Logistics | 5 |
| ME44300 | Coordination for Real-time Logistics | 3 |
| ME44305 | Delft Systems and Simulation Approach | 5 |
| **Total obligatory courses** | | **47** |

## COURSES - Social electives: select at least one course and not more than 6 ECTS

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| --- | --- | --- |
| Course code | Course name | EC |
| WM0903TU | Technology and global development | 4 |
| WM0349WB | Philosophy of engineering science and design | 3 |
| WM0516TU | Turning Technology into Business | 6 |
| WM0801TU | Introduction to safety science | 3 |

**COURSES** - Track electives: **select none or more**

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
| me44115 | Discrete Element Method (DEM) Simulation | 4 |
| me44125 | Structural Integrity Assessment for Transport Equipment | 3 |
| me44310 | Advanced Operations and Production Management | 6 |

**COURSES** - Free electives: **total of all elective courses at least 13 ECTS (including social course)**

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| Course code | Course name | EC |
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| **Total elective courses** | |  |
| **Total of all courses** | |  |

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

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| --- | --- | --- |
| Code | Assignment name | EC |
| ME54010 | Literature Assignment ME-TEL | 10 |
| ME54015 | Research Assignment ME-TEL | 15 |
| ME54035 | MSc Project ME-TEL | 35 |
| **Total of all assignments** | | **60** |

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

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| Name of MSc coordinator: | M.B. Duinkerken | Date: |  |

Signature Coordinator: Signature student: Examination board:

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**Please sign and send to Coordinator TEL** (keep a copy for your own administration)

last updated 18/9/2017