

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: | **Energy and Process Technology** | Specialisation |  |

## COURSES - Obligatory for master:

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

## SOCIAL COURSES - one course or not more than 6 ECTS to select

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

## COURSES Obligatory for Track:

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
| ME45040 | Advanced Fluid Dynamics | 5 |
| ME45065 | World of Energy and Process Technology | 4 |
| ME45160 | Advanced Applied Thermodynamics | 3 |
| ME45165 | Equipment for Heat & Mass Transfer | 4 |
| Total obligatory courses track | |  |

**COURSES** Obligatory for specialisation:

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
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|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Total obligatory courses specialisation | |  |

**COURSES** Elective for specialisation:

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| --- | --- | --- |
| Course code | Course name | EC |
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|  |  |  |
| Total elective courses specialisation | |  |
| Total of all courses | |  |

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

|  |  |  |
| --- | --- | --- |
| Code | Assignment name | EC |
| ME55010 | Literature Survey ME-EPT | 10 |
| ME55015 | Research Assignment ME-EPT | 15 |
| ME55035 | Thesis ME-EPT | 35 |
| Total of all assignments | |  |

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

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| Name of Professor: |  | Date: |  |

Signature Professor: Signature student: Examination board:

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**Please hand in this form at ServicePoint 3mE** (keep a copy for your own administration)

last updated 18/9/2017