Master of Engineering
Mechanical Engineering / Mechatronics

Concept
Master of Engineering
Mechanical Engineering / Mechatronics

10 ECTS
fundamentals
interdisciplinary
economic efficiency
soft skills
application or research oriented deepening
part time project work
Start: Autumn and Spring

Module 1
Module 2
Module 3

Module 4
Module 5
Module 6

Master Thesis

1st sem 2nd sem 3rd sem

possible change
Start: Autumn and Spring

Module 1
Module 2
Module 3
Module 4
Module 5
Module 6

1st sem
2nd sem
3rd sem

Master Thesis

4th sem

possible change
Start: Autumn and Spring

Module 1
1st sem

Module 2
2nd sem

Module 2
3rd sem

Module 4
4th sem

Module 5
5th sem

Module 6
6th sem

Master Thesis
7th sem

possible change
§ 4 Application, Research oriented Deepening

(1) Usually this programme is application oriented.

(2) This programme is research oriented, if more than 20 ECTS are passed in R&D-modules and furthermore the Master‘s thesis has a research oriented deepening. The research oriented deepening is confirmed on the master certificate.

The theme of the R&D-module should be continued in the Master‘s thesis.
Further Information on the Research oriented Deepening

These lectures have to be attended:

(1) „Literature & patent research and citation“ (duration 90 – 180 min) offered by the library is integral part of the Master‘s thesis. Form: Teilnahmebestaetigung_Literaturrecherche_PO_2016_20161212.docm

(2) „Introduction to the topic: research proposals and funds“(duration 90 – 180 min) held by Prof. Dr. rer. Nat. Bomarius is integral part of the 20- and 30-ECTS-R&D-modules. Form: Teilnahmebestaetigung_Forschungsveranstaltung_PO_2016_20161212.docm
Most Important Changes compared to PO 2011

(1) Modules that were not assessed “sufficient (ausreichend)” can be retaken twice. § 10 (1)
(2) 20- and 30-ECTS-R&D-modules can be choosen. **Prerequisite: passed 10 ECTS R&D-module basis**
(3) Two 10-ECTS-R&D-modules can be choosen in one semester, if the themes are independent and they are supervised by different colleagues.
(4) For R&D modules a total of 40 ECTS can be choosen, thereof a maximum of two 10-ECTS-R&D-modules.
(5) This programme can be completed research oriented.
(6) The lecture „Literature & patent research and citation“ has to be attended by each student.
Expiring of PO 2011 and voluntary change to PO 2016

(1) Winter (autumn) semester 2018/2019 is last semester, then you have to change to PO 2016.
(2) You can apply for remaining in the examination regulations 2011, since your last outstanding examination is the Master’s thesis.
(3) You can voluntarily change to PO 2016, see form: Formular_Auslaufen_FPO_Master_MB_MT_2011.pdf