

Module Handbook (<https://modhb.uni-kl.de/>)

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Course of Study "Production Engineering in Mechanical Engineering" (M.Sc.)

[MV-88.B78-SG]

| | |
|-------------------------|---|
| Department | [MV] Maschinenbau und Verfahrenstechnik |
| Degree | [M.Sc.] Master (M.Sc.) |
| Course of Study | Production Engineering in Mechanical Engineering |
| State | [NORM] Active |
| Short Name | M.Sc. Production Engineering in Mechanical Engineering |
| Additional informations | |

Section *Pflichtmodule*

Compulsory Modules

| | | | |
|---|--|--|--------|
| P | MV-SAM-101-M-4 (/mhb/modules/MV-SAM-101-M-4/) | Fluid Mechanics II | 5.0 CP |
| P | MV-WKK-108-M-4 (/mhb/modules/MV-WKK-108-M-4/) | Cyclic Deformation Behaviour I | 3.0 CP |
| P | MV-MEGT-109-M-7 (/mhb/modules/MV-MEGT-109-M-7/) | Drive Systems | 5.0 CP |
| P | MV-SAM-113-M-4 (/mhb/modules/MV-SAM-113-M-4/) | Hydraulics and Pneumatics | 3.0 CP |
| P | MV-IVW-235-M-7 (/mhb/modules/MV-IVW-235-M-7/) | Design and Analysis of Composite Materials | 3.0 CP |
| P | MV-VPE-116-M-4 (/mhb/modules/MV-VPE-116-M-4/) | Virtual Product Engineering II | 3.0 CP |

Section *Wahlpflichtmodule*

Compulsory Elective Modules

Wahlpflicht Labore

Es ist eines der Labore zu belegen.

| | | | |
|----|---|---------------------------|--------|
| WP | MV-KIMA-117-M-7 (/mhb/modules/MV-IMAD-117-M-7/) | Laboratory Machine Design | 3.0 CP |
| WP | MV-VPE-119-M-4 (/mhb/modules/MV-VPE-119-M-4/) | Laboratory 3D-CAD | 3.0 CP |

Wahlpflichtmodule aus Listen

| | | | |
|----|---|--|----------------|
| WP | MV-PE-MPOOL-6 (/mhb/modulepools/MV-PE-MPOOL-6/) | Wahlpflichtmodule Produktentwicklung im Maschinenbau Es müssen mindestens 15 Leistungspunkte erbracht werden. | [2.0 - 6.0] CP |
| WP | MV-ALL-MPOOL-6 (/mhb/modulepools/MV-ALL-MPOOL-6/) | Wahlpflichtmodule allgemein Es müssen mindestens 7 Leistungspunkte erbracht werden. | [1.0 - 9.0] CP |

Section *Projektarbeit*

Compulsory Modules

P MV-MV-215-M-4 (/mhb/modules/MV-MV-215-M-4/) Projektarbeit 12.0 CP

Section *Exkursion*

Compulsory Modules

P MV-MV-M126-M-4 (/mhb/modules/MV-MV-M126-M-4/) Field Trip 1.0 CP

Section *Abschlussarbeit*

Thesis

P MV-MV-216-M-4 (/mhb/modules/MV-MV-216-M-4/) Master Thesis 30.0 CP