Module Overview B.Ed. Metal Engineering (9 Semesters)

Degree Programme Guidelines as per 01.10.2015, Version 01.10.2017

The degree programme consists of 180 Credit Points (CP) in total:

Vocational Field of Studies Specialised Science:

Bachelor's Thesis:

Subject-related Didactics:

Educational and Social Sciences:

10 CP

30 CP

Non-vocational Field of Studies

100 CP 20 CP Specialised Science: Subject-related Didactics: 10 CP

10 CP

Language of Tuition: GERMAN

Certificates required

This leads to the following *possible* part-time semester course schedule:

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1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester	9. Semester
Information and Communication Technology in Mech. Engineering (4 CP)	Computer Aided Design (4 CP)	Material Science and Engineering I (6 CP)	Elective Subject Area Specialisation: Production Technology or Automotive Engineering (27 CP)					
Advanced Mathematics I (7 CP)	Advanced Mathematics II (4 CP)	Machine Compo- nents and Mechat- ronics I for Vocatio- nal Training (8 CP)	Areas of Focus in Teaching Practice (5 CP)	Technology Didactics I (5 CP)	Application-orien- ted Research in Technology Di- dactics (5 CP)		Curricula Aspects of Didactics of Mechanical Engineering (5 CP)	Bachelor's Thesis (10 CP)
Engineering Mechanics I for	Engineering Mechanics II for		cal Studies <i>or</i> rricular Studies I CP)	Technical Thermo- dynamics for Vocational Training (6 CP)	Non-vocational Field of Studies: Specialised Science (10 CP)			
Vocational Training (Statics) (6 CP)	Vocational Training (Elastostatics) (6 CP)				Non-vocational Field of Studies: Subject-related Didactics (10 CP)			
Fundamentals of Vocational Pedagogy (5 CP)	Teaching and Learning in Vocational Education (9 CP)			Production Technology (6 CP)	Machine Compo- nents and Mechat- ronics II for Voca- tional Training (8 CP)			
			Social Sciences (6 CP)					
Elective Subject (8 CP)								
Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP