

# Module Overview B. Sc. Business Administration/Industrial Engineering – specialising in Mechanical Engineering (8 Semesters)

Degree Programme Guidelines as per 01.10.2014, Version 01.10.2019

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

- ▶ Mathematics: 20 CP
- ▶ Law and Economics (Mandatory and Elective Subject Area): 80 CP
- ▶ Mechanical Engineering (Mandatory Subject Area): 68 CP
- ▶ Bachelor's Thesis: 12 CP

**Language of Tuition:**  
**GERMAN**  
*Certificates required*



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

Full-time semesters				Part-time semesters			
1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Mathematics I (for Mechanical and Process Engineering) (8 CP)	Mathematics II (for Mechanical and Process Engineering) (8 CP)	Mathematics III (for Mechanical and Process Engineering) (4 CP)			Econometrics (5 CP)	German and Internati- onal Law of Business Transactions and Corporation Law (4 CP)	Bachelor's Thesis (12 CP)
Contract Law (5 CP)		Economics I - Microeconomics (6 CP)	Management and Marketng (6 CP)	Operations Research / Production and Supply Chain Management (7 CP)			
Principles of Business Administration (6 CP)		Statistics (8 CP)		Accounting and Finance (6 CP)	Law and Economics (Elective Subject Area) <i>choice of 2 modules</i> (6 CP)	Seminar for Bachelors (BA or Law or Economics or Interdisciplinary) (5 CP)	
Financial and Management Accounting (5 CP)		Introduction to Information Systems / Principles of Programming (JAVA) (6 CP)				Macroeconomics I (5 CP)	
Engineering Mechanics I (Statics) for Mechanical Engineering (6 CP)	Engineering Mechanics II (Elastostatics) for Mechanical Engineering (6 CP)	Engineering Mechanics III (Dynamics) for Mechanical Engineering (6 CP)	Material Science and Engineering I (6 CP)	Technical Thermodynamics I (6 CP)			
Production Technology (6 CP)	Introduction to Electrical Engineering (6 CP)	Machine Components and Mechatronics I (8 CP)	Machine Components and Mechatronics I I (8 CP)				
Interdisciplinary Project (Introductory Phase) (2 CP)	Computer Aided Design (4 CP)		Product Design Project (4 CP)				
Ø 30 CP	Ø 30 CP	Ø 30 CP	Ø 30 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	