

Module Overview B.Sc. Business Administration/ Industrial Engineering - specialising in Materials Science - 8 Semesters

Degree Programme Guidelines as per 01.10.2022, Version 01.10.2022 (SB2022II)

The degree programme consists of 120 Credit Points (CP) in total:

Mathematics:

Law and Economics (Mandatory Subject Area):

Materials Sciences (Mandatory and Elective Subject Area):

Electives Law and Economics and Interdisciplinary Compulsory Elective Area:

Bachelor's Thesis:

20 CP

67 CP

72 CP

9 CP

12 CP

Language of Tuition:

GERMAN

Certificates required



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

Full-time				Part-time			
1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Mathematics I (8 CP)	Mathematics II (8 CP)	Mathematics III (4 CP)	Cost and Performance Accounting (4 CP)	Investment and Financing (4 CP)	Empirical Economic Research (4 CP)	Operations Research (4 CP)	Bachelor's Thesis (12 CP) <i>(optionally at the Faculty of Law and Economics or Mechanical and Process Engineering)</i>
Bookkeeping and Accounting (5 CP)	Fundamentals of Software Development and Management (5 CP)	Statistics for Economics (4 CP)	Production and Supply Chain Management (4 P)	Macroeconomics (5 CP)		German and International Corporate Law (4 CP)	
Contract Law (5 CP)		Microeconomics (5 CP)	Marketing (4 CP)				
	Management of Value Networks (4 CP)	Specific catalogue <i>or</i> Studium Generale (Catalogue of all modules of TU Darmstadt) (3 - 6 CP)	Seminar for Bachelors (6 CP)		Specific catalogue <i>or</i> Studium Generale (Catalogue of all modules of TU Darmstadt) (3 - 6 CP)		
General Chemistry (5 CP)	Materials Sciences II (5 CP)	Materials Science III (5 CP)	Materials Science IV (6 CP)	Concepts in Materials Physics (6 CP)	Circular Materials (5 CP)	Elective Area: Specific catalogue (3 CP)	
Fundamentals of Materials Sciences (6 CP)	Physics (for Business Administration - Materials Scientists) (6 CP)	Characterisation Methods in Materials Science (3 CP)	Materials Engineering (5 CP)			Structural Materials (6 CP)	
		Basic Lab Materials Science I (3 CP)	Basic Lab Materials Science II (3 CP)				
		Elective Area: Specific catalogue (3 CP)					
Ø 30 CP	Ø 30 CP	Ø 30 CP	Ø 30 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP