

Module Overview B.Sc. Mathematik - Studienrichtung Wirtschaftsmathematik - 12 Semesters

Degree Program Guidelines as per 01.06.2024, Version: 01.06.2024 (SB2024III)

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

Compulsory Mathematics Courses:	91 CP		Elective area:	72 CP
Seminars and Projects:	5 CP		- Elective Subjects Area:	50 - 53 CP
Thesis:	12 CP		- Additional Courses in Mathematics:	9 - 15 CP
			- Minor Courses in Economics:	24 - 30 CP
			- Minor Courses in Computer Science:	14 - 20 CP
			-Interdisciplinary Electives:	19 - 22 CP
			- Incl. Studium Generale:	5 CP

Language of Tuition:
GERMAN
Certificates required



This leads to the following *possible* semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester	
Analysis I* (9 CP)	Analysis II* (9 CP)	Ordinary Differential Equations (5 CP)	Integration Theorie (9 CP)	Introduction to Numerical Analysis (9 CP)	Algorithmic Discrete Mathe- matics* (5 CP)	Introduction to Optimisation (9 CP)					Bachelor- Thesis* (12 CP)	
Linear Algebra I* (9 CP)	Linear Algebra II* (9 CP)				Introduction to Stochastics (9 CP)	Probability Theory (5 CP)						
				Seminar* <i>or</i> Project* (5 CP)								
				Additional Courses in Mathematics* (32 - 37 CP)								
		Minor Courses in Economics (24 - 30 CP)										
		Minor Courses in Computer Science (14 - 20 CP)										
Interdisciplinary Electives*												
Interdisciplinary compulsory area (9 CP) <i>and</i> Interdisciplinary elective area (5 - 8 CP) <i>plus</i> Studium Generale (5 CP) (19 - 22 CP)												
		Studium Generale** (5 CP)										
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	

* Depending on the course offered, the marked courses can be taken in English.
** General catalog of all modules at TU Darmstadt, with the exception of courses offered by the Department of Mathematics and the minor subject.