

Module Overview B.Sc. Mathematik - Studienrichtung Wirtschaftsmathematik - 9 Semesters

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

Im Studiengang müssen insgesamt 180 Credit Points (Leistungspunkte) erreicht werden:

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
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)		
				Seminars* or Projects* (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* (19 - 22 CP)								
Interdisciplinary compulsory area (9 CP) and Interdisciplinary elective area (5 - 8 CP) plus Studium Generale (5 CP)								
		Studium Generale** (5 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

* 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.