

Module Overview B.Sc. Mathematik - Studienrichtung Mathematik - 12 Semester

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

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

Compulsory Mathematics Courses: 83 CP	■	Electives: 80 CP	■
Seminars and Projects: 5 CP	■	- Programme-related Courses: 58 - 61 CP	■
Thesis: 12 CP	■	- General Modules: 19 - 22 CP	■
		- Incl. Required Interdisciplinary Courses: 5 CP	■

Language of Tuition:
GERMAN
Certificates required



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This leads to the following possible part-time 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 Stochastics (9 CP)						Thesis* (12 CP)
Linear Algebra I* (9 CP)	Linear Algebra II* (9 CP)	Complex Analysis* (5 CP)	Introduction to Algebra (5 CP)	Introduca- tion to Numerical Analysis (9 CP)	Algorithmic Discrete Mathe- matics* (5 CP)						
				Seminar* or Project* (5 CP)							
Minor Basic <i>Chemistry; Computer Science; Mechanics; Physics; Economics; special minors upon request</i> (24 - 29 CP)											
General Modules - Compulsory General Modules (9 CP) - Elective General Modules (5 - 8 CP) (19 - 22 CP including Required Interdisciplinary Courses)											
				Compulsory Elective Mathematics Courses* (32 - 37 CP)							
		Required Interdisciplinary Courses** (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 offer, the marked courses can be taken in English

** Complete catalogue of all courses at the TU Darmstadt, with the exception of courses in Mathematics and the minor basic.