

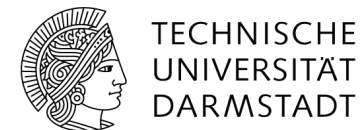
Module overview B.Sc. Applied Geosciences (12 semesters)

As per degree guidelines 01.10.2021, version 01.10.2021

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

Mandatory subject area:	150 CP	Geoscientific elective subject area:	12 CP
- Incl. basic math. & scientific subjects :	29 CP	Interdisciplinary elective area:	6 CP
- Incl. internship (lab practical):	28 CP	Research/Thesis:	12 CP

Language of tuition:
GERMAN
Certificates required



This leads to the following *possible* part-time study plan:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
General Chemistry (8 CP)	Basic Internship Inorganic Chemistry for Geoscientists (3 CP)	Higher Mathematics I (7 CP)	Higher Mathematics II (4 CP)	Geology III (9 CP)	Geoinformation Systems I (4 CP)
Geology I (10 CP)	Geology II (10 CP)	Mineralogy I (5 CP)	Mineralogy II (10 CP)		Field Courses I (11 CP)
Geoscientific elective subject area (12 CP)					
Interdisciplinary elective area*					
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP
7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester
Physics I/II for Students of Chemistry (10 CP)		Basic Internship Physics for Geosciences (3 CP)	Introduction to Numerical Methods (3 CP)	Geothermia I (4 CP)	Geoscientific Synthesis (6 CP)
Petrology I (5 CP)	Petrology II (8 CP)			Field Courses II (8 CP)	Bachelor's Thesis (12 CP)
Atmosphere I (3 CP)		Hydrogeology I (4 CP)	Internship I Applied Geosciences (3 CP)		
Proseminar Applied Geosciences (5 CP)	Geophysics I (3 CP)	Engineering Geology I (4 CP)	Geoscientific elective subject area (12 CP)		
Interdisciplinary elective area* (6 CP)					
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP

* General catalogue of the TU Darmstadt (except department 11) and language courses