

Module overview B.Sc. Applied Geosciences (9 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



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

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

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