

BSc Marine Geosciences University of Bremen, FB 5

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|--------------|---|---|---|---|---|---|
| 1. Year WiSe | 6 CP | 6 CP | 6 CP | 6 CP | 6 CP | |
| | Introduction Earth Dynamics Introduction Earth sciences Minerals + rocks Field trip 1 | From Atoms to Minerals From atoms to minerals - L From atoms to minerals - E | Chemical Principles I General chemistry General chemistry exercise | Physical Principles I Physics for natural sciences I Physics of the solid Earth I | Mathematical Principles I Mathematical principles for geosciences I | |
| 1. Year SuSe | Evolution of Earth and Life Earth and life history Basics biology Introduction to fossils | Struct Geology + Tectonics Structural geology Geol mapping Field trip 2 | Chemical Principles II Introduction to geochemistry Chemistry lab practise | Physical Principles II Physics for natural sciences II Physics of the solid Earth II | Mathematical Principles II Mathematical principles for geosciences II | |
| | 2. Year WiSe | Ph, Ch, Biol Oceanography Climate and Ocean | Marine Sediments Intro marine geology Ship-based survey sediments Stratigraphy marine sediments | Dynamics of Ocean Crust | Princ Applied Geophysics Fund applied geophysics Geophysical field exercise | Sediment Core Project Sediment core project |
| 2. Year SuSe | Core field MarGeo 1 Core fields (choose 3 out of 5) Sedimentology Geochemistry | Core field MarGeo 2 Paleontology Paleoceanography | Core field MarGeo 3 Geoinformatics | Geoscientific Competences 2x 7 day field camps | General Studies 1 Digital competences e.g. GIS, GMT, Matlab, etc. | |
| 3. Year WiSe | Core field MarGeo 1 Core fields (choose 3 out of 5) Sedimentology Geochemistry | Core field MarGeo 2 Paleontology Paleoceanography | Core field MarGeo 3 Geoinformatics | General Studies 2 Professional competences 4 week internship | General Studies 3 Interdisciplinary skills e.g. soft skills, language, economics, etc. | |
| 3. Year SuSe | Core field MarGeo 1 Core fields (choose 3 out of 5) Sedimentology Geochemistry | Core field MarGeo 2 Paleontology Paleoceanography | Core field MarGeo 3 Geoinformatics | Bachelor thesis + defense | | |

or choose 1 core field from BSc Geosciences
 Geodynamics Exploration Geophysics