

BSc Marine Geosciences University of Bremen, FB 5

1. Year WiSe	6 CP	6 CP	6 CP	6 CP	6 CP
	Introduction Earth Dynamics Earth dynamics Rock identification Field trip 1: Intro	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 - L, E, F Geological maps Regional geology	Chemical Principles II Introduction to geochemistry General chemistry lab	Physical Principles II Physics for natural sciences II Physics of the solid Earth II	Mathematical Principles II Mathematical principles for geosciences II
	Ph, Ch, Biol Oceanography Climate and Ocean	Marine Geol. & Sedimentol. Intro marine geology Ship-based survey sediments Principles of sedimentology	Rock-forming Processes Principles of petrology Polar. light microscopy	Princ Applied Geophysics Fund applied geophysics Geophysical field exercise	Sediment Core Project Sediment core project Stratigraphy mar. sediments
2. Year SuSe	Core field MarGeo 1-1 Core fields, choose 3 out of 10*, some are taught in German (DE)	Core field MarGeo 2-1	Core field MarGeo 3-1	Geoscientific Competences 2x 7 day field camps	General Studies 1 Digital competences e.g. GIS, GMT, Matlab, etc.
3. Year WiSe	Core field MarGeo 1-2 Core fields (continue)	Core field MarGeo 2-2	Core field MarGeo 3-2	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 1-3 Core fields (continue)	Core field MarGeo 2-3	Core field MarGeo 3-3	Bachelor thesis + defense	

*10 core fields are offered: Exploration Geophysics (EN), Geochemistry (EN), Geodynamics (EN), Geoinformatics (EN), Hydro- + Ingenieurgeologie (DE), Kristalline Materialien (DE), Paleoceanography (EN), Paleontology (EN), Petrologie und Lagerstättenkunde (DE), Sedimentology (EN)