

## Module B

### Core Courses for the Speciality Geology (GEOL)

1:23:30 Uhr Samstag, 16. Oktober 2021

(will be updated continuously)

sorted by semester and frequency Courses title (30 courses)

Courses	all semesters or unassigned	ECTS	Lecturers	Uni (held in)	Frequency	Year	Sem.	Speciality
Internship in industry		5		BE	annually in fall and spring			ELE, EM, ERG, GEOL, PAQS

Courses	Fall Semester HS	ECTS	Lecturers	Uni (held in)	Frequency	Year	Sem.	Speciality
Computer Modeling of 3D Geological Structures		1.5	RB	BE	annually in fall		HS	GEOL
Geo-Information Systems. Lecture and practical		3	/MaiD	BE	annually in fall		HS	GEOL, PAQS
Reflected-Light Microscopy		1.5	BH	BE	annually in fall		HS	EM, ERG, GEOL
Basement evolution in orogens		2	AB	BE	biennially in fall	even	HS	GEOL
Basin Evolution		3	FS/JM/GS	BE/FR	biennially in fall	even	HS	GEOL
Geochronology and Isotope Geochemistry		3	TN/DaR	BE	biennially in fall	even	HS	ELE, GEOL
Marine Geology		3	AF/SS	FR	biennially in fall	even	HS	ELE, GEOL, PAQS
Natural Hazards: Process & Methods		3	MKe/FA	BE	biennially in fall	even	HS	GEOL, PAQS
Quaternary Sediments Field Week		3	NA	BE	biennially in fall	even	HS	GEOL, PAQS
Rock Deformation: Brittle regime (prer)		2.5	MH/GS/JM	BE	biennially in fall	even	HS	EM, ERG, GEOL, PAQS
Volcanology		3	BG	FR	biennially in fall	even	HS	EM, GEOL
Ophiolites: Production and destruction of oceanic crust		2.5	JHe	BE	biennially in fall	odd	HS	EM, GEOL
Rock Deformation: Ductile regime		4	MH/GS/AB	BE	biennially in fall	odd	HS	EM, GEOL

Courses	Spring Semester FS	ECTS	Lecturers	Uni (held in)	Frequency	Year	Sem.	Speciality
Interpretation of Seismic Profiles around the world		1.5	ASO	FR	annually in spring		FS	GEOL, PAQS
Interpretation of Seismic Profiles in the Alpine foreland		1.5	ASO	FR	annually in spring		FS	GEOL
Laser-ablation inductively-coupled-plasma mass-spectrometry - LA-ICP-MS.		1	TP	BE	annually in spring		FS	ELE, EM, ERG, GEOL, PAQS
Rock and Paleomagnetism		2	BAN	BE	annually in spring		FS	ELE, EM, ERG, GEOL, PAQS
Advanced Carbonate Sedimentology		2.5	Af	FR	biennially in spring	even	FS	ELE, GEOL
Field Logging of Tunnels and Boreholes		2.5	UM/MM/MH	BE	biennially in spring	even	FS	ERG, GEOL, PAQS
Field Trip: Oceanic Lithosphere and subducted equivalents (Liguria)		2.5	TP	BE	biennially in spring	even	FS	ERG, GEOL
Fossil Lagerstaetten of Southern Germany		2.5	WJ	FR	biennially in spring	even	FS	ELE, GEOL
Geology, Sedimentology and Paleontology of the Swiss Jura		3	WJ	FR	biennially in spring	even	FS	ELE, GEOL
Surface Processes, Geomorphology (prer)		3	FS	BE	biennially in spring	even	FS	GEOL, PAQS
Excursion Volcanology		2.5	BG	FR	biennially in spring	odd	FS	EM, ERG, GEOL
Excursion: From basins to mountain belts (prer)		2	FS/MH/JM/GS/AB	BE	biennially in spring	odd	FS	GEOL
Field Course Rock Deformation: Brittle Regime		1.5	MH/JM/GS	BE	biennially in spring	odd	FS	GEOL
Geology, Sedimentology, and Paleontology of the Molasse Basin		3	WJ	FR	biennially in spring	odd	FS	ELE, GEOL
Geostatistics		2	GK	BE	biennially in spring	odd	FS	ELE, EM, ERG, GEOL, PAQS
Mountain building processes		3	MH/JM/GS	BE	biennially in spring	odd	FS	GEOL

red courses: new or changed courses  
 „prer“: Prerequisite courses necessary

76  
 Total ECTS