

Study plan MSc "Geoscience" with focus "Experimental Geophysics"					
Mandatory modules	CP	SWS	Term	Recommended semester	Comments
Physics of the solid Earth	10			Courses alternate between WS	1st and 3rd semester
Continuum mechanics		WS	3	WS 25/26	
Physics of Earth materials		WS	3	WS 26/27	
Applied geophysics	10				2nd semester
Reservoir Geophysics		SS	3		
Rock Physics		SS	3		
Geophysical seminar	6	WS/SS			
Deformation mechanism and tectonics of subduction zones			2		
Induced and triggered seismicity seminar			2		
Geophysical field practical	5				
Field exercise		WS	6 days		
Data analyses		WS	4 days		
Earthquake processes	6	SS			2nd semester
Earthquake Seismology and the seismic cycle		4			
Geophysical practical	5				2nd or 3rd
Geophysical practical			WS, SS		
Optimization methods for Geophysics	6	SS			2nd semester
Lecture			2		
Exercise			2		
Python programming for geosciences	10				
Introduction to Programming in Python		WS	3		
Advanced Programming in Python		SS	3		