

Study plan MSc "Geoscience" with focus "Structural Geology"					
Mandatory modules	CP	Semester	Weekly hours	Comment	recommended semester
Structural Geology	10				Each course can be selected individually for the complementary module I; 1st and 2nd semester
Lectures, seminars, exercises in structural geology		WS	2	Course has mandatory attendance	
Special methods in structural geology		WS	2	Course has mandatory attendance	
Structural Geology field camp		SS	8 days	Costs of around 500 €	
Basics in Petrology	6				1st semester (unless documented module "Baumaterial der Erde" or equivalent)
Mineralogy		WS	2	2	
Optical mineralogy		WS	2	2	
Igneous Petrology	10				1st or 3rd semester
Petrology of igneous rocks		WS	2	Pre-requisite: Basics in Petrology or equivalent module passed	
Thin section exercises with igneous rocks		WS	2		
Numerical exercises w. data from igneous rocks		WS	2		
Metamorphic Petrology	12				2nd semester; need to have passed either Basics in Petrology or Baumaterial der Erde (B.Sc.)
Petrology of metamorphic rocks		SS	2		
Thin section exercises with metamorphic rocks		SS	2		
Numerical exercises w. data from metam. rocks		SS	2		
THERMOCALC course		SS	1	Block course in July (3 days)	
Physics of the solid Earth	10				Courses alternate in the WS; 1st and 3rd semester
Continuum mechanics		WS	3	WS 27/28	
Physics of Earth materials		WS	3	WS 26/27	
Recommended modules and courses	CP	Semester	Weekly hours	Comment	recommended semester
Applied Geophysics	10				2nd semester
Reservoir Geophysics		SS	3		
Rock physics		SS	3		
Geology and geohazards in an active subduction zone	5				Seminar and field exercise, between WS and SS
Geology and geohazards in an active subduction zone		SS	3	Pre-requisite: completion of Earthquake processes and/or Seismotectonics; 7 day field exercise in Crete; cost of around 700€	
Masters thesis (Mandatory)	30				
Total sum (Mandatory modules + other modules + MSc Thesis) = 120 CP					