

MSc Earth Sciences 2024-2025 Year 1									
Year 1 (semester 1)					Year 1 (semester 2)				
Period 1		Period 2		Period 3	Period 4		Period 5		Period 6
September	October	November	December	January	February	March	April	May	June

Vulnerable Earth 12 EC	Integrated Coastal Dune Management 6 EC		Literature Review 6-12 EC	Metropole Ecology 6 EC	Science-Based Geo-Ecological Management 6 EC	
	Energy and Climate Change, Science, Policy and Ethics 6 EC		System Innovation and Transition Management 6 EC			
			GIS/RS Science in Ecosystem Dynamics 6 EC			
Professional Skills (choice of 2 courses of 1,5 EC each)						
Research Workshop (3 EC)						

Constrained choice  
(choose 24 EC or more for EM, 18 EC or more for ESS)

**Electives:** All mandatory courses from one track can be followed as elective courses in the other track. They are pre-approved as electives by the

Biological Oceanography 6 EC <i>MSc BS course</i>	Global Ecology and Biodiversity 6 EC <i>MSc BS course</i>	Environmental Chemistry 6 EC <i>MSc CH course</i>	Human Environment Interactions 6 EC		Field Course Geoecological Systems 12 EC
	Benthic Ecosystems 6 EC <i>MSc BS course</i>	Soil & Landscape Erosion & Degradation 6 EC			

Elective course  
or time for individual course

MSc Earth Sciences 2024-2025 Year 2					
Period 1	Period 2	Period 3	Period 4	Period 5	Period 6

Time for Research Project 1 (30-36 EC), Literature Review (6-12 EC), Research Project 2 (24-36 EC), Internship (24-36 EC), (elective) courses. <i>A major (60 EC) or minor (30 EC) can also be part of the programme in the second year.</i>
Professional Skills (choice of 2 courses of 1,5 EC each)
Research Workshop continued (3 EC)

Mandatory courses and constrained choice courses are fixed in the periods mentioned.  
Individual projects are not fixed, but can be planned by the student. Research Workshop meetings are about once a month.

Track Earth System Science	Programme with major	Programme with minor
Compulsory courses: <i>Vulnerable Earth</i> <i>The Earth System</i>	18 EC	18 EC
Literature Review	6 EC	6 EC
Research Projects	30 EC	30 EC
Research Workshop	3 EC	3 EC
Professional Skills – 2 courses from list	3 EC	3 EC
Restricted choice electives (see paragraph 4.2.)	-	18 EC
Elective course (see paragraph 4.4.)	-	12 EC
Major	60 EC	-
Minor	-	30 EC
Total study load	120 EC	120 EC
Track Environmental Management	Programme with major	Programme with minor
Compulsory course: <i>Vulnerable Earth</i>	12 EC	12 EC
Literature Review	6 EC	6 EC
Research Projects	30 EC	30 EC*
Research Workshop	3 EC	3 EC
Professional Skills – 2 from the list	3 EC	3 EC
Restricted choice electives (see paragraph 4.2.)	-	24 EC
Elective course (see paragraph 4.4.)	6 EC	12 EC
Major	60 EC	-
Minor	-	30 EC
Total study load	120 EC	120 EC