

Semester	ECTS	Major: Paleobiology-Paleoenvironments			Minor: Climate and Earth Systems		SC
1	30	Morphology, systematics and ecology of invertebrates	Systematics, ecology and biostratigraphy of microfossils	Biofacies and paleoecology	Literature seminar	Geochemical proxies in paleoenvironmental analysis	Computers in geosciences*
			Methods of biostratigraphy	Oceanography	Consolidation of R programming skills		
2	30	Macroevolution	Hypothesis testing in paleobiology	Analytical paleobiology	Research project implementation	Introduction to statistical modelling	SC to choose
		Vertebrate paleobiology	Laboratory methods in paleontology		Climate and Earth system data	Phylogenetics	
3	30	Proxies in paleoenvironmental reconstructions	Geobiology of reefs	Microfacies analysis and diagenesis of carbonate rocks	Research project design	Science communication	SC to choose
		Macroecology	Programming and statistics in paleobiology				
4	30	Master thesis					

SC: Supplementary Courses; *Elective, but highly recommended.