

Abbreviations

C = Course
E/S = Exercise/Seminar
PW = Practical Work
E = English
F = French

Autumn Semester

Course	Teaching Staff	Hours per semester			ECTS Credits	English /French
		C	E/S	PW		
Compulsory						
Problem-based learning in methodology	Franken P.	7	35		3.5	E
Molecular genetics	Sanders I., Fumagalli L.	14		42	4.5	E
Introduction into scientific writing	Wedekind C.	7	10		1.5	E
Seminars of the Dept. of Ecology and Evolution	Wedekind C.		14		1	E
Personal Research Work - Introduction	Wedekind C.			224	15	
Optional (choice -> 4.5 credits)						
Behavioural ecology	Roulin A., Christe P.	14			1.5	E
Populations genetic and dynamic	Goudet J.	7	10		1.5	E
Spatial analyses and GIS in ecology	Guisan A.	7	10		1.5	E
The major transitions in evolution	Keller L.	14			1.5	E
Introduction to R	Goudet J.	8	20		1.5	E
Phylogeography	Fumagalli L., vacat	7	10		1.5	E
Total					30	

Spring Semester

Course	Teaching Staff	Hours per semester			ECTS Credits	English /French
		C	E/S	PW		
Optional (choice -> 15 credits)						
Applied ecology	Neet C.	14		28	2.5	E
Biology of invasives species	Cherix D.	14			1.5	E
Case studies in population biology	Perrin N.	14			1.5	E
Co-evolution, mutualism, parasitism	Sanders I.	14			1.5	E
Hybridization and allopolyploidy in vertebrates	Stöck M.	14			1.5	E
Comparative genomics	Reymond A., Kaessmann H.		14		1	E
Conservation genetics	Fumagalli L.	14			1.5	E
Current problems in conservation biology	Wedekind C.	14	14		2.5	E
Ecology of the fishes of Switzerland	Rubin J.-F.	14			1.5	E
Evolutionary Biology Workshop	Kawecki T.	14		32	3	E
Evolution of plant sexual systems	Pannell J.	7		14	1.5	E
Vegetation-Water-Soil-Microbial Communities Interface	Van der Meer J., Guisan A.			32	1.5	F
Scientific Mediation and Communication	Desvergne B., Kaufmann A.	28			3	F
Phylogeny and comparative methods	Salamin N.	7	14		1.5	E
Predictive models of species' distribution	Guisan A.	14	14		2.5	E
Interfaculty seminar on environment	Reynard E.		28		2	F
Seminars of the Dept. of Ecology and Evolution	Wedekind C.		14		1	E
Optional internships						
Internship in the Alps	Guisan A.			32	1.5	F
Internship in Andalusia	Roulin A.			40	1.5	E
Ecology and faunistics of the sea shore, Roscoff	Perrin N.			56	3	F
Compulsory personal research work						
Personal Research Work - Master thesis	Wedekind C.			280	15	