

**Master of Science in Behaviour, Evolution and Conservation
Specialisation Geosciences, Ecology and Environment - Autumn 2019**

Teaching	Responsible	Room C/S	Room E/PW	Hours
Compulsory				
Data Analysis	M. Robinson	POL/336	POL/336	6 C + 6 PW
Introduction into Scientific Writing	R. Waterhouse	POL/334	POL/334	7 C + 9 E
Spatial Analysis and GIS in Ecology	A. Guisan	POL/202	POL/204.2	7 C + 10 E
		except 15.11.19 : POL/210		

Optional courses

Advanced Data Analysis	M. Robinson	POL/336	POL/336	6 C + 6 PW
Advanced Quantitative Genetics	M. Robinson	POL/334	BIO/1929	10 C + 7 E
Animal Communication and Parasitism	P. Christe, A. Roulin	POL/334		14 C
Major Transitions in Evolution	Y. Ulrich	POL/334		14 C
Molecular Methods in Ecology and Evolution	I. Sanders, L. Fumagalli N. Salamin	POL/334	POL 205, 204.2	18 C + 42 PW
Phylogeography	L. Fumagalli	POL/334	POL/204.2	7 C + 10 E
Scientific Research in all its Forms for Biology (in french only)	D. Preissmann	MAX/412		14 C
Animal Experimentation and Wild Animals	J.-F. Rubin	Out of UNIL : Maison de la Rivière, Tolochenaz		20 C + 20 PW
Environmental chemistry and toxicology (GSE)	J. Peña J., N. Chèvre	consult schedule of FGSE		56 C+PW
Environmental time-series analysis (GSE)	J. Irving	consult schedule of FGSE		56 C+PW
Management of protected areas at the international level (in French) (GSE)	T. Badman, E. Reynard	consult schedule of FGSE		8 C + 20 PW
Remote Sensing of Earth Systems (GSE)	G. Mariethoz, M.-H. Derron, S. Lane, F. Mettra	consult schedule of FGSE		56 C+PW

Optional support : Introduction to R (Introduction to Data Analysis) GEN/C 24 E

Personal Research Work				224 PRW
Personal Work				56 Pers W
Meeting of the School of Biology : 17.09.2019		BIO/Amphi		1 hour
Optional courses Presentation : 19.09.2019		CUB/1		1 hour
Introduction to Biological Security : 19.09.2019	M. Van Bemmelen	CUB/1		2 C

Building : BIO: Biophore POL: Amphipôle CUB: Cubotron
GEN: Genopode MAX: Amphimax

WEEK : august-september

we	th	fr	sa	so	mo	tu
Biological Conservation of the Mediterranean Region						
02.09. - 11.09.2019						

WEEK 1: 16.09 to 20.09

	mo 16	tu 17	we 18	th 19	fr 20
8H	Jeûne Fédéral	Meeting SB	Master BEC Retreat	Personal Research Work :	Data Analysis
10H		Presentation of MSc BEC and specialisations POL/210		presentation POL/210	
12H				Optional Pres	Major transi.
14H				Intro Biol Secur	Personal Research Work
16H		Master BEC Retreat			
18H					

WEEK 2: 23.09 to 27.09

	mo 23	tu 24	we 25	th 26	fr 27
8H	C+E - Intro Scientific Writing	Personal Research Work	Personal Research Work	C+E - Intro Scientific Writing	Data Analysis
10H			Intro to R		
12H					
14H	C+E-Spatial analysis and GIS in ecology	C+E-Spatial analysis and GIS in ecology	C+E - Intro Scientific Writing	Personal Research Work	C+E - Intro Scientific Writing
16H					
18H					

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WEEK 3: 30.09 to 04.10

	mo 30	tu 01	we 02	th 03	fr 04
8H	C-Molecular Methods	C-Molecular Methods	C-Molecular Methods	C-Molecular Methods	Data Analysis
10H			Intro to R		
12H					
14H	PW-Molecular Methods	PW-Molecular Methods	PW-Molecular Methods	PW-Molecular Methods	PW-Molecular Methods
16H			Scientific research		
18H					

WEEK 4: 07.10 to 11.10

	mo 07	tu 08	we 09	th 10	fr 11
8H	PW-Molecular Methods	PW-Molecular Methods	C-Molecular Methods	Personal Research Work	Personal Research Work
10H			Intro to R		
12H					
14H	PW-Molecular Methods	PW-Molecular Methods	PW-Molecular Methods	Personal Research Work	Personal Research Work
16H			Scientific research		
18H					

WEEK 5: 14.10 to 18.10

	mo 14	tu 15	we 16	th 17	fr 18
8H	Personal Research Work	C-Major transitions in evolution	Personal Research Work	Personal Research Work	Personal Research Work
10H			Intro to R		
12H					
14H	Personal Research Work	Personal Research Work	C+E - Phylogeography	Personal Research Work	Personal Research Work
16H			Scientific research		
18H					

WEEK 6: 21.10 to 25.10

	mo 21	tu 22	we 23	th 24	fr 25
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10H		C-Major transitions in evolution	Intro to R		C+E-Advanced Quantitative Genetics
12H					
14H	Personal Research Work	Personal Research Work	C+E - Phylogeography	Personal Research Work	Personal Research Work
16H			Scientific research		
18H					

WEEK 7: 28.10 to 01.11

	mo 28	tu 29	we 30	th 31	fr 01
8H	Personal Research Work	Animal Comm. & Parasitism	Animal Comm. & Parasitism	Personal Research Work	C+E-Advanced Quantitative Genetics
10H	Animal Comm. & Parasitism	C-Major transitions in evolution	Intro to R	Animal Comm. & Parasitism	
12H					
14H	Personal Research Work	Animal Comm. & Parasitism	C+E - Phylogeography	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H		Personal Research Work	Animal Comm. & Parasitism	Animal Comm. & Parasitism	
18H		Scientific research			

WEEK 8: 04.11 to 08.11

	mo 04	tu 05	we 06	th 07	fr 08
8H	Personal Research Work	Personal Research Work	Personal Research Work	Advanced Data Analysis	C+E-Advanced Quantitative Genetics
10H		C-Major transitions in evolution	Intro to R		
12H					
14H	Personal Research Work	Personal Research Work	C+E - Phylogeography	Personal Research Work	Personal Research Work
16H			Scientific research		
18H					

WEEK 9: 11.11 to 15.11

	mo 11	tu 12	we 13	th 14	fr 15
8H	Personal Research Work	Personal Research Work	Personal Research Work	Advanced Data Analysis	C+E-Advanced Quantitative Genetics
10H	C+E-Spatial analysis and GIS in ecology	C-Major transitions in evolution	Intro to R		
12H					
14H	Personal Research Work	C+E-Spatial analysis and GIS in ecology	C+E - Phylogeography	Personal Research Work	C+E-Spatial analysis and GIS in ecology POL/210
16H		Personal Research Work	Scientific research		
18H					

WEEK 10: 18.11 to 22.11

	mo 18	tu 19	we 20	th 21	fr 22
8H	Personal Research Work	Animal Comm. & Parasitism	Personal Research Work	Advanced Data Analysis	C+E-Advanced Quantitative Genetics
10H		C-Major transitions in evolution	Intro to R		
12H					
14H	Personal Research Work	Personal Research Work	C+E - Phylogeography	Personal Research Work	Personal Research Work
16H					
18H					

WEEK 11: 25.11 to 29.11

	mo 25	tu 26	we 27	th 28	fr 29	
8H	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	
10H			Intro to R			
12H						
14H	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	C+PW-Animal Experimentation	
16H						
18H						

WEEK 12: 02.12 to 06.12

	mo 02	tu 03	we 04	th 05	fr 06	
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	
10H						
12H						
14H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	
16H						
18H						

WEEK 13: 09.12 to 13.12

	mo 09	tu 10	we 11	th 12	fr 13	
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	
10H			Intro to R			
12H						
14H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Pour info: Remise BSc bio UNIL dès 17h	
16H						
18H						

WEEK 14: 16.12 to 20.12

	mo 16	tu 17	we 18	th 19	fr 20	
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal research work Presentations BIO/Amphi		
10H						
12H						
14H	Personal Research Work	Personal Research Work	Personal research work Presentations BIO/Amphi			
16H						
18H						