

**Master of Science in Behaviour, Evolution and Conservation  
Specialisation Geosciences, Ecology and Environment - Autumn 2020**

Teaching	Responsible	Room C/S	Room E/PW	Hours
<b>Compulsory</b>				
Welcome Day : 14.09.2020	T. Kawecki	BIO/Amphi (9:00-13:00), CUB I+II (13:00-18:00)		
Data Analysis	N. Salamin S. Bergmann G. Ciriello	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/9658446722">Bergmann: https://unil.zoom.us/j/9658446722 (18.9)</a> & <a href="https://unil.zoom.us/j/96102781081">Ciriello: https://unil.zoom.us/j/96102781081 (25.9)</a> & <a href="https://us02web.zoom.us/j/89123859015">Ciriello: https://us02web.zoom.us/j/89123859015 (2.10)</a>		6 C + 6 PW
except 18-25.09.2020: GENC				
Introduction into Scientific Writing	R. Waterhouse	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/542_050_7305">https://unil.zoom.us/j/542_050_7305</a>		7 C + 9 E
except 22.09.2020: CUB/I				
Spatial Analysis and GIS in Ecology	A. Guisan	<b>Zoom ID :</b> (waiting)		7 C + 10 E
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Introduction to Biological Security : 18.09.2020	M. Van Bemmelen	MAX/350 (for non UNIL bachelor students only)		2 C
<b>Optional courses</b>				
Advanced Data Analysis	N. Salamin S. Bergmann G. Ciriello	<b>Zoom ID :</b> <a href="https://us02web.zoom.us/j/89123859015">Ciriello: https://us02web.zoom.us/j/89123859015</a>		6 C + 6 PW
Animal Communication and Parasitism	P. Christe, A. Roulin	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/317_137_4156">https://unil.zoom.us/j/317_137_4156</a> Password : 341554		14 C
Major Transitions in Evolution	L. Keller	<b>Zoom ID :</b> (waiting) except 17.09.2020: POL/334		14 C
Molecular Methods in Ecology and Evolution	I. Sanders, L. Fumagalli N. Salamin	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/5987341201">Fumagalli : https://unil.zoom.us/j/5987341201 / password: 495304 (5.10)</a> except 28-29-30.09.2020 (Lab): POL/334,203,205,204.2		18 C + 42 PW
Phylogeography	L. Fumagalli	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/917_2200_7533">https://unil.zoom.us/j/917_2200_7533</a> Password : 495304		7 C + 10 E
Population Genetics and Dynamics	J. Goudet	<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/938_9918_7987">https://unil.zoom.us/j/938_9918_7987</a> except 17.09.2020: POL/202		7 C + 10 E
Animal Experimentation and Wild Animals	J.-F. Rubin	Out of UNIL : Maison de la Rivière, Tolochenaz More information will be given by the responsible		20 C + 20 PW
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Environmental chemistry and toxicology (GSE)	N. Chèvre, M. Asta	consult schedule of FGSE		56 C+PW
Environmental time-series analysis (GSE)	J. Irving	consult schedule of FGSE		56 C+PW
Nature Conservation (in French) (GSE)	L. Chanteloup, E. Reynard, T. Badman, G. Walters	consult schedule of FGSE		28 C+PW
Remote Sensing of Earth Systems (GSE)	G. Mariethoz, S. Lane, F. Mettra	consult schedule of FGSE		56 C+PW
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Optional support : Introduction to R (Introduction to Data Analysis)		<b>Zoom ID :</b> <a href="https://unil.zoom.us/j/943_9432_9809">https://unil.zoom.us/j/943_9432_9809</a> except 23.09.2020: GENC		24 E
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Personal Research Work				224 PRW
Personal Work				56 Pers W
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Optional courses Presentation : 17.09.2020	<b>TO BE CONFIRMED</b>	GENC		1 hour

**Schedule start of lessons :**

UNIL-Sorge : 08:00 - 09:00 - 10:15 - 11:15 - 12:15 - 13:15 - 14:15 - 15:15 - 16:15 - 17:15  
Others : 08:15 - 09:15 - 10:15 - 11:15 - 12:15 - 13:15 - 14:15 - 15:15 - 16:15 - 17:15

**Building :**

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

**Gray : Attendance for all or by group according to specific information given by the teachers**

White : non-presential course

**WEEK 1: 14.09 to 18.09**

	mo 14	tu 15	we 16	th 17	fr 18
8H	Welcome Day BIO/Amphi	Master BEC	Personal Research Work : presentation	Optional Pres	Data Analysis
10H				Pop genet	GENC
12H				Major transi.	
14H	Welcome Day CUB I et II				Intro Biol Secur MAX/350
16H					
18H					

**WEEK 2: 21.09 to 25.09**

	mo 21	tu 22	we 23	th 24	fr 25
8H	Jeûne Fédéral	C+E - Intro Scientific Writing CUB/I	Personal Research Work	C+E - Intro Scientific Writing	Data Analysis
10H			Intro to R GENC		GENC
12H					
14H			C+E - Intro Scientific Writing	Personal Research Work	C+E - Intro Scientific Writing
16H					
18H					

**WEEK 3: 28.09 to 02.10**

	mo 28	tu 29	we 30	th 01	fr 02
8H	PW-Molec. Method(Lab)	PW-Molec. Method(Lab)	PW-Molec. Method(Lab)	C-Molecular Methods	Data Analysis
10H	C-Molecular Methods	C-Molecular Methods	Intro to R	PW-Molecular Methods (Analysis)	
12H					
14H	C-Molec.Meth.	PW-Molec. Method(Lab)		C-Molecular Methods	C-Molecular Methods
16H	PW-Molecular Methods (Lab)	C-Molecular Methods		PW-Molecular Methods (R tutorial)	PW-Molecular Methods (Analysis)
18H		PW-Mol.Meth.(Lab)			

**WEEK 4: 05.10 to 09.10**

	mo 05	tu 06	we 07	th 08	fr 09
8H	C-Molecular Methods	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	Personal Research Work	Personal Research Work
10H	C-Molecular Methods		Intro to R		
12H					
14H	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H					
18H					

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**WEEK 5: 12.10 to 16.10**

	mo 12	tu 13	we 14	th 15	fr 16
8H	Personal Research Work	C-Major transitions in evolution	Personal Research Work	Personal Research Work	Personal Research Work
10H			Intro to R		
12H					
14H	C+E-Populations genetic & dynamic	Personal Research Work	<b>C+E - Phylogeography</b>	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H			Personal Research Work		
18H					

**WEEK 6: 19.10 to 23.10**

	mo 19	tu 20	we 21	th 22	fr 23
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		
12H					
14H	C+E-Populations genetic & dynamic	Personal Research Work	<b>C+E - Phylogeography</b>	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H					
18H					

**WEEK 7: 26.10 to 30.10**

	mo 26	tu 27	we 28	th 29	fr 30
8H	Personal Research Work	Animal Comm. & Parasitism	Animal Comm. & Parasitism	Personal Research Work	Personal Research Work
10H	Animal Comm. & Parasitism	C-Major transitions in evolution	Intro to R	Animal Comm. & Parasitism	Animal Comm. & Parasitism
12H					
14H	C+E-Populations genetic & dynamic	Animal Comm. & Parasitism	<b>C+E - Phylogeography</b>	Personal Research Work	Personal Research Work
16H		Personal Research Work			
18H					

**WEEK 8: 02.11 to 06.11**

	mo 02	tu 03	we 04	th 05	fr 06
8H	Personal Research Work	Animal Comm. & Parasitism	Personal Research Work	Advanced Data Analysis	Personal Research Work
10H		C-Major transitions in evolution	Intro to R		
12H					
14H	C+E-Populations genetic & dynamic	Personal Research Work	C+E - Phylogeography	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H					
18H					

**WEEK 9: 09.11 to 13.11**

	mo 09	tu 10	we 11	th 12	fr 13
8H	Personal Research Work	Personal Research Work	Personal Research Work	Advanced Data Analysis	Personal Research Work
10H		C-Major transitions in evolution	Intro to R		
12H					
14H	C+E-Populations genetic & dynamic	Personal Research Work	C+E - Phylogeography	Personal Research Work	C+E-Spatial analysis and GIS in ecology
16H					
18H					

**WEEK 10: 16.11 to 20.11**

	mo 16	tu 17	we 18	th 19	fr 20
8H	Personal Research Work	Personal Research Work	Personal Research Work	Advanced Data Analysis	Personal Research Work
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: 23.11 to 27.11**

	mo 23	tu 24	we 25	th 26	fr 27
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: 30.11 to 04.12**

	mo 30	tu 01	we 02	th 03	fr 04
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: 07.12 to 11.12**

	mo 07	tu 08	we 09	th 10	fr 11
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 biol UNIL dès 17h
16H					
18H					

**WEEK 14: 14.12 to 18.12**

	mo 14	tu 15	we 16	th 17	fr 18
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal research work Presentations	Personal research work Presentations
10H					
12H					
14H	Personal Research Work	Personal Research Work	Personal research work Presentations	Personal research work Presentations	
16H					
18H					