

**Master of Science in Behaviour, Evolution and Conservation
Specialisation Computational Ecology and Evolution
- Autumn 2023 - Module 1 -**

TEACHING	RESPONSIBLE	ROOM	HOURS
Master BEC Retreat	T. Kawecki	POL/315.1 (9:00-12:00)	
Advanced Python Programming	N. Salamin	POL/201	10 C + 18 E
Data Analysis	S. Bergmann	BIO/Amphi	8 C + 8 E
Molecular Methods in Ecology and Evolution	I. Sanders, L. Fumagalli N. Salamin	POL/334, 203, 205, 204.2	18 C + 42 PW
Concepts in Ecology	C. Bertelsmeier	POL/334	6 C
Concepts in Evolution	T. Schwander	POL/334	6 C
Introduction into Scientific Writing	A. Roulin	POL/334	7 C + 9 E

Optional support : Introduction to R (Introduction to Data Analysis)	GEN/C except 15.11.23 : BIO/Amphi	24 E
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Personal Research Work		224 PRW	
Personal Work		56 Pers W	
Meeting of the School of Biology : 19.09.2023	POL/D	1 hour	
Personal Research Work - presentation : 21.09.2023	POL/315.1	2 hours	
Introduction to Biological Security : 22.09.2023	M. Van Bemmelen	POL/D	2 C

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

Building : BIO: Biophore POL: Amphipôle
GEN: Genopode

WEEK 1: 18.09 to 22.09

	mo 18	tu 19	we 20	th 21	fr 22	
08:00	Jeûne Fédéral	Meeting SB	Master BEC Retreat		Data Analysis (lecture; give exercises)	
10:15		Master BEC Meeting POL/315.1		Pers. Research Work: presentation POL/315.1		
12:15						
14:15		Master BEC Retreat				Intro Biological Security
16:15						
18:15						

WEEK 2: 25.09 to 29.09

	mo 25	tu 26	we 27	th 28	fr 29
08:00		C+E - Intro Scientific Writing	Personal Research Work	C+E - Intro Scientific Writing	Data Analysis (lecture; give exercises)
10:15			Intro to R		Data Analysis (discussion)
12:15					
14:15	C+E - Intro Scientific Writing	Personal Research Work	C+E - Intro Scientific Writing	Personal Research Work	Personal Research Work
16:15					
18:15					

WEEK 3: 02.10 to 06.10

	mo 02	tu 03	we 04	th 05	fr 06
08:00	PW-Molecular Methods (Lab)	PW-Molecular Methods (Lab)	PW-Molecular Methods (Lab)	C-Molecular Methods	Data Analysis (lecture; give exercises)
10:15	C-Molecular Methods	C-Molecular Methods	Intro to R	C-Molecular Methods	Data Analysis (discussion)
12:15					Data Analysis (discussion)
14:15	C-Molec.Meth.	PW-Molecular Methods (Lab)	C-Molecular Methods	C-Molecular Methods	C-Molecular Methods
16:15	PW-Molecular Methods (Lab)	C-Molecular Methods		PW-Molecular Methods (R tutorial)	
18:15		PW-Mol.Meth.(Lab)			

WEEK 4: 09.10 to 13.10

	mo 09	tu 10	we 11	th 12	fr 13
08:00	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)		Data Analysis (lecture; give exercises)
10:15	C-Molecular Methods		Intro to R	PW-Molecular Methods (Analysis)	Data Analysis (discussion)
12:15					Data Analysis (discussion)
14:15	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	PW-Molecular Methods (Analysis)	Personal Research Work	Personal Research Work
16:15					
18:15					

WEEK 5: 16.10 to 20.10

	mo 16	tu 17	we 18	th 19	fr 20
08:00	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15			Intro to R		
12:15					
14:15					Data Analysis (discussion)
16:15	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
18:15					

WEEK 6: 23.10 to 27.10

	mo 23	tu 24	we 25	th 26	fr 27
08:00	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15			Intro to R		
12:15					
14:15	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15					
18:15					

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WEEK 7: 30.10 to 03.11

	mo 30	tu 31	we 01	th 02	fr 03
08:00	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15			Intro to R		
12:15					
14:15	Concepts Evolution	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15	Personal Research Work				
18:15					

WEEK 8: 06.11 to 10.11

	mo 06	tu 07	we 08	th 09	fr 10
08:00	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15	Concepts Ecology		Intro to R		
12:15					
14:15	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15					
18:15					

WEEK 9: 13.11 to 17.11

	mo 13	tu 14	we 15	th 16	fr 17
08:00	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15			Intro to R BIO/Amphi		
12:15					
14:15	Concepts Evolution	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15	Personal Research Work				
18:15					

WEEK 10: 20.11 to 24.11

	mo 20	tu 21	we 22	th 23	fr 24
08:00	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15	Concepts Ecology		Intro to R		
12:15					
14:15	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15					
18:15					

WEEK 11: 27.11 to 01.12

	mo 27	tu 28	we 29	th 30	fr 01
08:00	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15			Intro to R		
12:15					
14:15	Concepts Evolution	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15	Personal Research Work				
18:15					

WEEK 12: 04.12 to 08.12

	mo 04	tu 05	we 06	th 07	fr 08
08:00	Concepts Ecology	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15	Personal Research Work				
12:15					
14:15	Personal Research Work	Personal Research Work	Intro to R	Personal Research Work	
16:15			Personal Research Work		
18:15					Pour info: Remise BSc biol UNIL dès 17h

WEEK 13: 11.12 to 15.12

	mo 11	tu 12	we 13	th 14	fr 15
08:00	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10:15					
12:15					
14:15	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16:15					
18:15					

WEEK 14: 18.12 to 22.12

	mo 18	tu 19	we 20	th 21	fr 22
08:00	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work Presentations BIO/Amphi	Personal Research Work Presentations BIO/Amphi
10:15					
12:15					
14:15	Personal Research Work	Personal Research Work	Personal Research Work		
16:15					
18:15					