

Master of Science in Molecular Life Sciences - Mention Bioinformatics Autumn 2021

Teaching	Responsible	Room	Hours	Other
Retreat MSc MLS	Benton R.	21.09.21, 11:00-18:00 : POL/336 + 22.9.21 - 10:00-17:00 : GEN/C		
BIG Seminars	Benton R.	BIO/Amphi		
Sequence a Genome I	Engel P., van der Meer J., tutors	CUB/II except: - 23 + 30.09.21 : POL/201, 203, 205 - 02.11.21, 14:00-18:00 : POL/201	14 C + 30 E	
Write a Review	Benton R., tutors	consult the responsible except: 21.09.21 : POL/336 and 29.09.21 : POL/336 and 06.10.21 : GEN/4026	15h cours/contact 42h personal work	
Critical Readings of Scientific Literature (14 x 4 hours)			56h	
First Step Project	all Pls	Presentations : 22-23.12.21 : GEN/2016	250h	
Data Analysis	Bergmann S.	POL/336	6 C + 6 PW +pers. work Lectures/ Practicals	BEC
Advanced Data Analysis	Ciriello G., Delaneau O.	POL/336	6 C + 6 PW +pers. work Lectures/ Practicals	BEC
Theory and Practice in Gene Expression Analyses	Gfeller D., Delaneau O.	POL/334	4 C + 32 E	
Advanced Python Programming	Salamin N.	POL/201 except : 15.10.21 : POL/319	7 C + 14 E	BEC
Optional support : Introduction to R (Introduction to Data Analysis)	Schütz F.	GEN/C	24 E	BSc2
Meeting of School of Biology : 21.09.2021		POL/A		All MSc
Introduction to Biological Security : 24.09.2021	Van Bemmelen M.	MAX/351	2 C	All MSc

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 MAX: Amphimax CUB: Cubotron

POL: Amphipôle GEN: Genopode

WEEK 1: 20.09 to 24.09

	mo 20	tu 21	we 22	th 23	fr 24
8H	Jeûne Fédéral	Meeting SB	Welcome Day GEN/C (from 10:00)	Sequence genome	Data Analysis
10H		Write a review POL/336		POL/201	
12H					
14H		Welcome Day POL/336	Sequence genome	Intro Biological Security	
16H			POL/201	Personal Research Work	
18H					

WEEK 2: 27.09 to 01.10

	mo 27	tu 28	we 29	th 30	fr 01
8H	Personal Research Work	Personal Research Work	Write a review POL/336	Sequence genome	Data Analysis
10H			Intro to R	POL/201	
12H					
14H			Sequence genome POL/201	Personal Research Work	
16H			Personal Research Work		
18H					

WEEK 3: 04.10 to 08.10

	mo 04	tu 05	we 06	th 07	fr 08	
8H	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work	Data Analysis	
10H			Intro to R			
12H						
14H		Personal Research Work	Sequence genome	Write a review GEN/4026 Epiqæum	Personal Research Work	Personal Research Work
16H		BIG seminar		Personal Research Work		
18H						

WEEK 4: 11.10 to 15.10

	mo 11	tu 12	we 13	th 14	fr 15	
8H	Personal Research Work	Personal Research Work	Write a review	Advanced Python Programming	Advanced Python Programming	
10H			Intro to R		POL/319	
12H						
14H			Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16H						
18H						

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WEEK 5: 18.10 to 22.10

	mo 18	tu 19	we 20	th 21	fr 22
8H	Advanced Python Programming	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10H			Intro to R	Advanced Python Programming	
12H					
14H	Personal Research Work	Write a review	Personal Research Work	Personal Research Work	Personal Research Work
16H		Personal Research Work			
18H					

WEEK 6: 25.10 to 29.10

	mo 25	tu 26	we 27	th 28	fr 29
8H	Advanced Python Programming	Personal Research Work	Personal Research Work	Advanced Python Programming	Sequence genome
10H			Intro to R		
12H					
14H	Personal Research Work	Write a review	Personal Research Work	Personal Research Work	Sequence genome
16H		Personal Research Work			
18H					

WEEK 7: 01.11 to 05.11

	mo 01	tu 02	we 03	th 04	fr 05
8H	Personal Research Work	Sequence genome	Write a review	Personal Research Work	Personal Research Work
10H			Intro to R		
12H					
14H	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work	Personal Research Work
16H					
18H					

WEEK 8: 08.11 to 12.11

	mo 08	tu 09	we 10	th 11	fr 12
8H	Personal Research Work	Sequence genome	Personal Research Work	Advanced Data Analysis	Personal Research Work
10H			Intro to R		
12H					
14H	Theory & Practice Gene Expression Analyses I	Theory & Practice Gene Expression Analyses I	Personal Research Work	Theory & Practice Gene Expression Analyses I	Personal Research Work
16H					
18H					

WEEK 9: 15.11 to 19.11

	mo 15	tu 16	we 17	th 18	fr 19
8H	Personal Research Work	Sequence genome	Personal Research Work	Advanced Data Analysis	Personal Research Work
10H			Intro to R		
12H					
14H	Theory & Practice Gene Expression Analyses II	Theory & Practice Gene Expression Analyses II	Personal Research Work	Theory & Practice Gene Expression Analyses II	Personal Research Work
16H					
18H					

WEEK 10: 22.11 to 26.11

	mo 22	tu 23	we 24	th 25	fr 26
8H	Personal Research Work	Sequence genome	Personal Research Work	Advanced Data Analysis	Personal Research Work
10H			Intro to R		
12H					
14H	Theory & Practice Gene Expression Analyses III	Theory & Practice Gene Expression Analyses III	Personal Research Work	Theory & Practice Gene Expression Analyses III	Personal Research Work
16H					
18H					

WEEK 11: 29.11 to 03.12

	mo 29	tu 30	we 01	th 02	fr 03
8H	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work	Personal Research Work
10H			Intro to R		
12H					
14H	Theory & Practice Gene Expression Analyses IV	Theory & Practice Gene Expression Analyses IV	Personal Research Work	Theory & Practice Gene Expression Analyses IV	Personal Research Work
16H					
18H					

WEEK 12: 06.12 to 10.12

	mo 06	tu 07	we 08	th 09	fr 10
8H	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
10H			Personal Research Work		
12H					
14H	Personal Research Work	Personal Research Work	Intro to R	Personal Research Work	Personal Research Work
16H			BIG seminar		
18H					Pour info: Remise BSc biol UNIL dès 17h

WEEK 13: 13.12 to 17.12

	mo 13	tu 14	we 15	th 16	fr 17
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 14: 20.12 to 24.12

	mo 20	tu 21	we 22	th 23	fr 24
8H	Personal Research Work	Personal Research Work	Presentation first step projects GEN/2016	Presentation first step projects GEN/2016	
10H					
12H					
14H	Personal Research Work	Personal Research Work	Presentation first step projects GEN/2016	Presentation first step projects GEN/2016	
16H					
18H					