

Master of Science in Molecular Life Sciences Autumn 2021

Teaching	Abbreviation	Responsible	Room	Hours	Other
General and common activities - Compulsory					
Welcome Day 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	
Optional courses					
Biotechnology	BIOTECH	Poirier Y.	POL/334 except: 22.11.21 : POL/201	14 C Cours/Literatures	
CRISPR-Cas9 Genome Editing	CRISPR	van Leeuwen J.	POL/336	4 C + 2 E + 8 PW Cours/Exercises/Practicals	
Development of the Nervous System	NERV	Braissant O.	POL/336	14 C Cours/Literatures	
Molecular Mechanisms of Evolution	MME	Benton R., Geldner N.	POL/201 except: 28.09.21 : POL/336	14 C Cours/Literatures	
Plant Functional Genetics	PFG	Poirier Y.	POL/336	14 C Cours/Literatures	
Scientific Research in all its Forms for Biology (Sciences2) (in French only)	SRF	Preissmann D.	MAX/412	14 C Cours/Literatures	Sciences2
Advanced Microbial Genetics	AMG	Collier J., Pelet S.	POL/336	14 C Cours/Literatures	
Bacterial Genomes and Genome Evolution	BGG	van der Meer J.	POL/340 in the morning POL/201 in the afternoon	14 C Cours/Literatures/Exercises	
Fungal Virulence and Pathogenicity	FVP	Sanglard D., Lamoth F., Hauser P.	IMUL, Bugnon 48, room 502	14 C Cours/Literatures	
Immunology and Infectious Diseases	IMMU	Roger T., Perreau M., Di Domizio J.	POL/336	14 C Cours/Literatures	
Plant Interactions with Microbes and Insects	PMI	Keel C., Reymond P.	POL/336	14 C Cours/Literatures	
Virus-Host Interactions	VHI	Gouttenoire J.	POL/336	14 C Cours/Literatures	
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
GEN: Genopode POL: Amphipôle

WEEK 1: 20.09 to 24.09

	mo 20	tu 21	we 22	th 23	fr 24	
8H	Jeûne Fédéral	Meeting SB	GEN/C (from 10:00)	Sequence genome	Personal Research Work	
10H		Write a review POL/336		POL/201		
12H		Welcome Day				
14H		POL/336		GEN/C (from 10:00)	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	IMMU	Personal Research Work	Write a review POL/336	Sequence genome	Personal Research Work	
10H		Personal Research Work	MME POL/336	Intro to R	POL/201	
12H						
14H	AMG	Personal Research Work	CRISPR	Sequence genome	(seed cells)	
16H				POL/201		Personal Research Work
18H				Personal Research Work		

WEEK 3: 04.10 to 08.10

	mo 04	tu 05	we 06	th 07	fr 08
8H	AMG	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work
10H			Intro to R	Personal Research Work	Personal Research Work
12H					
14H	IMMU	MME	Write a review GEN/4026 Epijeum	Personal Research Work	Personal Research Work
16H	BIG séminar	Sequence genome	SRF	Personal Research Work	Personal Research Work
18H					

WEEK 4: 11.10 to 15.10

	mo 11	tu 12	we 13	th 14	fr 15
8H	IMMU	MME	Write a review	Personal Research Work	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H		(change media)			
14H	Personal Research Work	CRISPR	AMG	CRISPR	CRISPR
16H			Personal Research Work	Personal Research Work	
18H			SRF		

Master of Science in Molecular Life Sciences Autumn 2021

WEEK 5: 18.10 to 22.10

	mo 18	tu 19	we 20	th 21	fr 22
8H	AMG	Personal Research Work	CRISPR	Personal Research Work	Personal Research Work
10H		Personal Research Work		Intro to R	Personal Research Work
12H					
14H	IMMU	MME	Write a review	Personal Research Work	Personal Research Work
16H			Personal Research Work		SRF
18H					

WEEK 6: 25.10 to 29.10

	mo 25	tu 26	we 27	th 28	fr 29
8H	BGG POL/340	NERV	Personal Research Work	Personal Research Work	Sequence genome
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	VHI	Personal Research Work	Write a review	Personal Research Work	Sequence genome
16H			Personal Research Work		SRF
18H					

WEEK 7: 01.11 to 05.11

	mo 01	tu 02	we 03	th 04	fr 05
8H	BGG POL/340	NERV	Sequence genome	Write a review	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	VHI	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work
16H	BIG seminar	POL/201		SRF	Personal Research Work
18H					

WEEK 8: 08.11 to 12.11

	mo 08	tu 09	we 10	th 11	fr 12
8H	VHI	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	BGG POL/201	Personal Research Work	Personal Research Work	Personal Research Work	Personal Research Work
16H			SRF		
18H					

WEEK 9: 15.11 to 19.11

	mo 15	tu 16	we 17	th 18	fr 19
8H	VHI	Personal Research Work	Sequence genome	Personal Research Work	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	BGG POL/201	NERV	Personal Research Work	Personal Research Work	Personal Research Work
16H			Personal Research Work		SRF
18H					

WEEK 10: 22.11 to 26.11

	mo 22	tu 23	we 24	th 25	fr 26
8H	PFG	FVP	Sequence genome	Personal Research Work	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	PMI	BIOTECH POL/201	NERV	Personal Research Work	Personal Research Work
16H			Personal Research Work		SRF
18H					

WEEK 11: 29.11 to 03.12

	mo 29	tu 30	we 01	th 02	fr 03
8H	PMI	BIOTECH	Sequence genome	Personal Research Work	Personal Research Work
10H			Personal Research Work	Intro to R	Personal Research Work
12H					
14H	PFG	FVP	Personal Research Work	Personal Research Work	Personal Research Work
16H			Personal Research Work		SRF
18H					

WEEK 12: 06.12 to 10.12

	mo 06	tu 07	we 08	th 09	fr 10
8H	PFG	FVP	Personal Research Work	Personal Research Work	Personal Research Work
10H			Personal Research Work		
12H					
14H	PMI	BIOTECH	Personal Research Work	Intro to R	Personal Research Work
16H			BIG seminar	Personal Research Work	Personal Research Work
18H					

WEEK 13: 13.12 to 17.12

	mo 13	tu 14	we 15	th 16	fr 17
8H	PMI	BIOTECH	Personal Research Work	Personal Research Work	Personal Research Work
10H			Personal Research Work		
12H					
14H	PFG	FVP	Personal Research Work	Personal Research Work	Personal Research Work
16H			Personal Research Work		
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	Presentation first step projects	
10H					
12H			GEN/2016	GEN/2016	
14H	Personal Research Work	Personal Research Work			
16H					
18H					