

Master of Science in Molecular Life Sciences - Spring 2022

TEACHING RESPONSIBLE ROOM HOURS

General and common activities - Compulsory

Other MSc

Sequence a Genome II	P. Engel and others	POL/336	14 C + 28 E
Write a Fellowship	R. Benton, tutors	consult the responsible except March 01, 2022 : POL/336 May 19-20, 2022 : GEN/2016	7 C / contact

Optional courses (choice -> 9 credits)

Epigenetics and Cell Differentiation (ECD)	S. Gasser	POL/336	8 C + 6 E
Epitranscriptomics and RNA Dynamics (ERD)	J.-Y. Roignant	POL/336 only March 24, 2022 : POL/336, 451	6 C + 8 PW
Genomics, Proteomics and Quantitative Genetics (GEN)	P. Franken	POL/336	24 C
Herbivory: Why is the Earth Green ? (HWEG)	E. Farmer	BIO/5407	24 C
Metabolic Signaling Pathways in Health and Disease (MSHD)	L. Fajas	POL/336	6 C + 8 E
Plant and Animal Domestication: From History to Molecular Mechanisms (PAD)	S. Soyk	POL/336	12 C + 12 E
Scientific Communication - Scientific Hands-on Workshop Module (SCM)	A. Kaufmann, P. Reymond	POL/459 except : March 01 and 03, 2022 : Anthropos	14 C + 14 E
Anti-Infective Agents (AIA)	D. Sanglard	Bugnon 48, level 5, room 502	14 C
Bacterial Virulence and Pathogenesis (BVP)	G. Greub	Bugnon 48, level 5, room 502	12 C + 2 E
Chromosome Organization and Dynamics (COD)	S. Gruber	POL/336	4 C + 10 E
Epidemiology of Human Pathogens (EPI)	D. Blanc	Bugnon 48, level 5, room 502	14 C
Microbes as Tools in Experimental Biology (EXP)	A. Coste A. Ciuffi	Bugnon 48, level 5, room 502	10 C + 4 E
Microbial Cytoskeleton - A Scientific Writing Class (CYT)	S. Martin	POL/459	4 C + 10 E
Microbiome Analysis (MA)	J. van der Meer	POL/336	8 C + 16 E
Microbiomes (MI)	J. van der Meer	POL/336	14 C
Viral Pathogenesis and Emerging Viruses (VPE)	A. Ciuffi	Bugnon 48, level 5, room 502	8 C + 6 E
LTK1 Module : Training in Animal Experimentation (LTK1)	M.-C. Broillet	Epalinges, Dpt Biochemistry February 21 to March 04, 2022	20 C + 20 PW (2 grps)
Seminars Biology and Integrative Genetics (BIG) at 16:15	E. Farmer	BIO/AMPHI except : March 7, 2022 : GEN/C	

Seminars of the institutes and departments COMPULSORY

Specialisation Bioinformatics

Bioinformatic Algorithms (BA)	C. Dessimoz	POL/336	15 C + 15 E
Comparative Genomics : from Thousands of Genomes to Single Cells (CG)	R. Arguello	POL/336 except : May 18, 2022 : POL/202	7 C + 7 E
Industrial Bioinformatics (IB)	I. Xenarios	POL/336	14 C
Phylogeny and Comparative Methods (PCM)	N. Salamin	POL/336 except : May 20, 2022 : GEN/A	14 C + 14 E

WEEK 1: 21.02 to 25.02

	mo 21	tu 22	we 23	th 24	fr 25
8H		MA	MA	MA	MA
10H	BVP BU48, 502	MA	MA	MA	MA
12H					
14H	VPE BU48, 502	Personal Research Work	MA	MA	Personal Research Work
16H					
18H					

WEEK 2: 28.02 to 04.03

	mo 28	tu 01	we 02	th 03	fr 04
8H	BVP BU48, 502	Write a fellowship POL/336	GEN		CYT
10H		COD		BA	
12H		SCM Anthropos		SCM Anthropos	
14H	VPE BU48, 502	Personal Research Work	MI	ERD	Personal Research Work
16H		Personal Research Work	Personal Research Work		
18H					

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WEEK 3: 07.03 to 11.03

	mo 07	tu 08	we 09	th 10	fr 11
8H					
10H	BVP BU48, 502	COD	GEN	BA	CYT
12H				SCM	
14H	VPE BU48, 502		Personal Research Work	ERD	PAD
16H	BIG seminar/GEN C	MI			
18H					

WEEK 4: 14.03 to 18.03

	mo 14	tu 15	we 16	th 17	fr 18
8H					
10H	BVP BU48, 502	COD	GEN	BA	CYT
12H				SCM	
14H	VPE BU48, 502		Personal Research Work	ERD	PAD
16H		MI			
18H					

WEEK 5: 21.03 to 25.03

	mo 21	tu 22	we 23	th 24	fr 25
8H					
10H	EPI BU48, 502	COD	GEN	BA	CYT
12H				SCM	
14H	EXP BU48, 502		Personal Research Work	ERD	PAD
16H		MI			
18H					

WEEK 6: 28.03 to 01.04

	mo 28	tu 29	we 30	th 31	fr 01
8H		Personal Research Work			
10H	EPI BU48, 502	COD	GEN	BA	PCM
12H				SCM	
14H	EXP BU48, 502			Personal Research Work	PAD
16H		Sequence genome	MSHD		
18H					

WEEK 7: 04.04 to 08.04

	mo 04	tu 05	we 06	th 07	fr 08
8H					
10H	EPI BU48, 502	HWEG	GEN	BA	PCM
12H				SCM	
14H	EXP BU48, 502		MSHD	Personal Research Work	PAD
16H	BIG seminar	Sequence genome			
18H					

WEEK 8: 11.04 to 15.04

	mo 11	tu 12	we 13	th 14	fr 15
8H	Personal Research Work				Easter Holidays
10H	EPI BU48, 502	HWEG	MSHD	BA	
12H				SCM	
14H	EXP BU48, 502		Personal Research Work	Personal Research Work	
16H		Sequence genome	CG		
18H					

EASTER HOLIDAYS 2022 : FROM APRIL 15 TO APRIL 22, 2022

WEEK 9: 25.04 to 29.04

	mo 25	tu 26	we 27	th 28	fr 29
8H					
10H	AIA BU48, 502	HWEG	MSHD	BA	PCM
12H				SCM	
14H			Personal Research Work	Personal Research Work	PAD
16H	ECD	Sequence genome	CG		
18H					

WEEK 10: 02.05 to 06.05

	mo 02	tu 03	we 04	th 05	fr 06
8H					
10H	AIA BU48, 502	HWEG	IB	BA	PCM
12H				SCM	
14H	Personal Research Work		Personal Research Work	Personal Research Work	PAD
16H	BIG seminar	Sequence genome	CG		
18H					

WEEK 11: 09.05 to 13.05

	mo 09	tu 10	we 11	th 12	fr 13
8H					
10H	AIA BU48, 502	HWEG	IB	BA	PCM
12H				SCM	
14H			Personal Research Work	Personal Research Work	PAD
16H	ECD	Sequence genome	CG		
18H					

WEEK 12: 16.05 to 20.05

	mo 16	tu 17	we 18	th 19	fr 20
8H					
10H	AIA BU48, 502	HWEG	Personal Research Work	Personal Research Work	PCM GEN/A
12H				SCM	
14H			Personal Research Work	write a fellowship	write a fellowship
16H	ECD	Sequence genome	CG POL/202	GEN/2016	GEN/2016
18H				Mystères UNIL	Mystères UNIL

WEEK 13: 23.05 to 27.05

	mo 23	tu 24	we 25	th 26	fr 27
8H				Ascension	
10H	Personal Research Work	Sequence genome	IB		PCM
12H					
14H	Personal Research Work	Sequence genome	ECD		Personal Research Work
16H			CG		
18H					

WEEK 14: 30.05 to 03.06

	mo 30	tu 31	we 01	th 02	fr 03
8H			Personal Research Work	Personal Research Work	Dies Academicus
10H	Sequence genome	Sequence genome	IB		
12H				SCM	
14H	Sequence genome	Sequence genome	Personal Research Work	Personal Research Work	
16H			CG		
18H					