

Master of Science in Molecular Life Sciences - Spring 2019

TEACHING RESPONSIBLE ROOM HOURS

General and common activities - Compulsory

Sequence a Genome II	J. van der Meer, P. Engel, C. Rivolta, and others	POL/336	14 C + 28 E
Write a Fellowship	R. Benton, C. Fankhauser, G. Ciriello, + tutors	consult the responsible except 19.02.2019 : POL/336 16-17.05.2019 : POL/210	7 C / contact

Optional classes (choice -> 9 credits)

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
Plant and Animal Domestication: From History to Molecular Mechanisms (PAD)	C. Hardtke, C. Fankhauser	POL/336	12 C + 12 E
Scientific Mediation and Communication - Scientific Hands-on Workshop Module (SMC)	A. Kaufmann, P. Reymond	POL/459 except 27.02.19 : Anthropos	8 C + 20 TP
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	14 C
Chromosome Organization and Dynamics (COD)	S. Gruber	POL/336	4 C + 10 E
Environmental Microbiology (EMI)	J. van der Meer	BIO/2917.2	14 C
Epidemiology of Human Pathogens (EPI)	D. Blanc	Bugnon 48, level 5, room 502	14 C
Microbes as Tools in Experimental Biology (EXP)	D. Sanglard	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
Viral Pathogenesis and Emerging Viruses (VPE)	S. Kunz	Bugnon 48, level 5, room 502 except February 18, 2019 : CHUV, Aud. Decker	14 C
Supplement : Sequence a Genome (SSG)	J. van der Meer, P. Engel, C. Rivolta	POL/203	14 E + 10 PW

Seminars Biology and Integrative Genetics (BIG) at 16:15	S. Martin	BIO/AMPHI
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Seminars of the institutes and departments COMPULSORY

Specialisation Bioinformatics

Advanced Quantitative Genetics (AQG)	M. Robinson	POL/336	10 C + 7 E
Advanced Population Genetics (APG)	A.-S. Malaspinas	POL/201	14 C + 6 E
Bioinformatic Algorithms (BA)	C. Dessimoz, D. Gfeller	POL/336	15 C + 15 E
Computational Thinking in Cancer Genomics (CTCG)	G. Ciriello	POL/336	7 C + 7 TP
Evolution of Genome Architecture (EGA)	R. Arguello	POL/336 except 22.5.19 : POL/202	7 C + 7 E
Industrial Bioinformatics (IB)	I. Xenarios	POL/336 except 22-23.5.19 : POL/202	14 C
Phylogeny and Comparative Methods (PCM)	N. Salamin	POL/336 except 23.5.19 : POL/202	7 C + 14 E

WEEK 1: 18.02 to 22.02

	mo 18	tu 19	we 20	th 21	fr 22
8H					
10H	BVP BU48, 502	SSG	SSG	SSG	SSG
12H					
13H	VPE Aud. Decker	COD	SSG	SSG	PAD
15H		write a fellowship POL/336			
17H					

WEEK 2: 25.02 to 01.03

	mo 25	tu 26	we 27	th 28	fr 01
8H					
10H	VPE BU48, 502	Personal Research Work	GEN SMC	BA	EMI
12H					
13H	BVP BU48, 502	Sequence genome	SMC	Personal Research Work	PAD
15H					
17H					

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WEEK 3: 04.03 to 08.03

	mo 04	tu 05	we 06	th 07	fr 08
8H			GEN	BA	
10H	BVP BU48, 502	COD			AQG
12H					
13H	VPE BU48, 502	EMI	SMC	Personal Research Work	PAD
15H					
17H					

WEEK 4: 11.03 to 15.03

	mo 11	tu 12	we 13	th 14	fr 15
8H	VPE BU48, 502		GEN	BA	AQG
10H		COD			
12H					
13H	BVP BU48, 502	EMI	SMC	Personal Research Work	PAD
15H					
17H					

WEEK 5: 18.03 to 22.03

	mo 18	tu 19	we 20	th 21	fr 22
8H	EPI BU48, 502		GEN	BA	AQG
10H		COD			
12H					
13H	EXP BU48, 502	EMI	SMC	Rencontres Carrières	PAD
15H					
17H					

WEEK 6: 25.03 to 29.03

	mo 25	tu 26	we 27	th 28	fr 29
8H	EXP BU48, 502		GEN	BA	AQG
10H		COD			
12H					
13H	EPI BU48, 502	Personal Research Work	SMC	Personal Research Work	PAD
15H					
17H					

WEEK 7: 01.04 to 05.04

	mo 01	tu 02	we 03	th 04	fr 05
8H	EPI BU48, 502	Personal Research Work	GEN	BA	AQG
10H					
12H					
13H	EXP BU48, 502	Sequence genome	SMC	Personal Research Work	PAD
15H	BIG seminar				
17H					

WEEK 8: 08.04 to 12.04

	mo 08	tu 09	we 10	th 11	fr 12
8H	EXP BU48, 502	HWEG	HWEG	BA	Personal Research Work
10H	APG				
12H					
13H	EPI BU48, 502	Sequence genome	SMC	CTCG	PAD
15H			EGA		
17H					

EASTER HOLIDAYS 2019 : FROM APRIL 19 TO APRIL 26, 2019

WEEK 9: 15.04 to 19.04

	mo 15	tu 16	we 17	th 18	fr 19
8H	AIA BU48, 502	HWEG	IB	BA	Easter Holidays
10H	APG				
12H					
13H	CYT	Sequence genome	SMC	CTCG	
15H			EGA		
17H					

WEEK 10: 29.04 to 03.05

	mo 29	tu 30	we 01	th 02	fr 03
8H	AIA BU48, 502	HWEG	IB	BA	PCM
10H	APG				
12H					Making an oral present. IB, Bactom, GEN, APG
13H	CYT	Sequence genome	SMC	CTCG	Personal Research Work
15H			EGA		
17H					

WEEK 11: 06.05 to 10.05

	mo 06	tu 07	we 08	th 09	fr 10
8H	AIA BU48, 502	HWEG	Personal Research Work	BA	PCM
10H	APG				
12H					
13H	CYT	Sequence genome	SMC	CTCG	Personal Research Work
15H	BIG seminar		EGA		
17H					

WEEK 12: 13.05 to 17.05

	mo 13	tu 14	we 15	th 16	fr 17
8H	AIA BU48, 502	HWEG	Personal Research Work	Personal Research Work	PCM
10H					
12H					
13H	CYT	Sequence genome	SMC	write a fellowship	write a fellowship
15H			EGA	POL/210	POL/210
17H					

WEEK 13: 20.05 to 24.05

	mo 20	tu 21	we 22	th 23	fr 24	
8H	APG	Dies Academicus	IB POL/202	PCM POL/202		
10H					PCM	
12H						
13H	Personal Research Work		Sequence genome	SMC	PCM POL/202	Personal Research Work
15H				EGA POL/202	IB POL/202	
17H						

WEEK 14: 27.05 to 31.05

	mo 27	tu 28	we 29	th 30	fr 31
8H		Sequence genome	Personal Research Work	Ascension	
10H					PCM
12H	Sequence genome				
13H		Sequence genome	SMC		Personal Research Work
15H			EGA		
17H					