

The evaluation process is a detailed version of the study plan. The information provided in the study plan takes precedence. The information could be completed by the teachers in various forms (e-mails, course materials, Moodle platform, etc.).

MODULE 1				
Course	Responsible teacher	Type of evaluation		Final mark
		Exam	Validation	
Compulsory courses				
Sequence a Genome I	Engel P.	oral 20 min	No	mark of the oral exam
Write a Review	Benton R.	-	Yes	2/3 written review 1/3 participation in class
Optional courses				
Biotechnology	Poirier Y.	written 1h	No	mark of the written exam
CRISPR-Cas9 Genome Editing	van Leeuwen J.	-	Yes	two written reports : arithmetical mean
Development of the Nervous System	Braissant O.	oral 15 min	No	mark of the oral exam
Molecular Mechanisms of Evolution	Benton R.	written 2h	No	mark of the written exam
Plant Functional Genetics	Poirier Y.	written 1h	No	mark of the written exam
Scientific Research in all its Forms (for Biology) (in French only)	Preissmann D.	-	Yes	1/2 written report 1/2 practical work
Data Analysis	Bergmann S.	-	Yes	written reports : arithmetical mean
Advanced Data Analysis	Ciriello G.	-	Yes	written reports : arithmetical mean
Theory and Practice in Gene Expression Analyses	Gfeller D.	oral 20 min	No	mark of the oral exam
Advanced Python Programming	Salamin N.	oral 15 min	No	mark of the oral exam
Advanced Microbial Genetics	Collier J., Pelet S.	oral 15 min	No	mark of the oral exam
Bacterial Genomes and Genome Evolution	van der Meer J.	-	Yes	Marks of the class work exercises
Fungal Virulence and Pathogenicity	Sanglard D.	written 1h	No	mark of the written exam
Immunology and Infectious Diseases	Roger T.	written 1h	No	mark of the written exam
Plant Interactions with Microbes and Insects	Keel C.	oral 30 min	No	mark of the oral exam
Virus-Host Interactions	Gouttenoire J.	written 1h	No	mark of the written exam

MODULE 2	
First Step Project	1/3 written report 1/3 oral defence 1/3 practical work

MODULE 3				
Course	Responsible teacher	Type of evaluation		Final mark
		Exam	Validation	
Compulsory courses				
Sequence a Genome II	Engel P.	-	Yes	1/2 oral presentation 1/2 written report
Write a Fellowship	Benton R.	-	Yes	1/3 oral presentation 2/3 written report
Optional courses				
Epigenetics and Cell Differentiation	Gasser S.	-	Yes	1/2 oral presentation 1/2 short written essay
Epi-transcriptomics and RNA Dynamics	Roignant J.-Y.	-	Yes	mark of the written report
Genomics, Proteomics and Quantitative Genetics	Franken P.	written 2h	No	mark of the written exam
Herbivory : Why is the Earth Green ?	Farmer E.	-	Yes	1/2 oral presentation 1/2 participation in class
Metabolic Signaling Pathways in Health and Disease	Fajas L.	-	Yes	2/3 oral presentation 1/3 participation in class
Plant and Animal Domestication : from History to Molecular Mechanisms	Soyk S.	-	Yes	1/2 oral presentation 1/2 leading to paper discussions
Scientific Communication - Scientific Hands-on Workshop Module (MSc BEC)	Kaufmann A., Reymond P.	-	Yes	2/3 conception, implementation and presentation of an activity for the general public 1/3 written assay
LTk1 Module : Training in Animal Experimentation	Brollet M.-C.	-	Yes	certificate
Advanced Population Genetics	Malaspina A.-S.	-	Yes	1/2 oral presentation 1/2 exercises
Bioinformatic Algorithms	Dessimoz C.	oral 20 min	No	mark of the oral exam
Comparative Genomics : from Thousands of Genomes to Single Cells (MSc BEC)	Arguello R.	oral 15 min	No	mark of the oral exam
Industrial Bioinformatics	Xenarios I.	-	Yes	mark of the written report
Phylogeny and Comparative Methods (MSc BEC)	Salamin N.	-	Yes	mark of the written report
Anti-Infective Agents	Sanglard D.	written 2h	No	mark of the written exam
Bacterial Virulence and Pathogenesis	Greub G.	written 2h	No	mark of the written exam
Chromosome Organization and Dynamics	Gruber S.	-	Yes	1/2 written report 1/2 participation in class
Epidemiology of Human Pathogens	Blanc D.	-	Yes	mark of the oral presentation
Microbes as Tools in Experimental Biology	Coste A., Cluffi A.	-	Yes	1/2 oral presentation 1/2 participation in class
Microbial Cytoskeleton - A Scientific Writing Class	Martin S.	-	Yes	mark of written paper summary
Microbiome Analysis	van der Meer J.	-	Yes	mark of the written report
Microbiomes	van der Meer J.	-	Yes	mark of the written report
Viral Pathogenesis and Emerging Viruses	Cluffi A.	-	Yes	1/2 oral presentation and participation in class 1/2 exercises

MODULE 4	
Master Thesis	1/3 written report 1/3 oral defence 1/3 practical research work

Due to the sanitary evolution related to COVID-19, the study plans may be adapted during the semester as follows:

- possibility to switch from one mode of teaching to another (face-to-face <-> distance, synchronous <-> asynchronous, switch to co-modal teaching where it was not initially planned).
- adaptation of evaluation modalities, without inducing derogations from the Study Regulations (oral <-> written, exam <-> validation, individual work <-> group work, practical work <-> theoretical work, face-to-face evaluation <-> online evaluation, etc.).
- alternative or time-shifted modalities for teachings, internships, practical work, fieldworks and camps that could not take place or teachings that could no longer take place in the form initially planned.

Students are invited to consult this document regularly (Study Plan & Evaluation Procedure)