

ME 21 - BIOLOGIE SANTE						
PR 805 - M1 Life Sciences and Health - International Track - France						
Short reminder of the rules governing Paris-Saclay University's Master's studies: validation of each teaching unit requires a grade above or equal to 7/20. During the academic year, the two semesters are not compensable (threshold grade of 10/20 for each semester). The teaching units that makes up a given semester are compensable with the exception of the Internship during the second semester which is neither compensable nor compensatory (threshold grade of 10/20 for this teaching units). The weight of each teaching units to calculate the final semester grade is proportional to the number of ECTS associated to them.						
Reference document: <a href="https://www.universite-paris-saclay.fr/sites/default/files/2018.06.27_ca_vote_reglement_des_etudes_master_v_anglaise.pdf">https://www.universite-paris-saclay.fr/sites/default/files/2018.06.27_ca_vote_reglement_des_etudes_master_v_anglaise.pdf</a>						
Nom de l'UE	ECTS	CM	TD	TP	Modalités de contrôle de connaissances	Coefficients
<b>S1 - Semester 1</b>						
<b>Teaching base</b>						
EN9181 — Core courses : Genes, proteins and cells	10	59	41	0	Continuous assessment and written final exam. Session 1: 0,7 CC + 0,3 EE - Session 2: 0,3 CC + 0,7 EE (CC renewed from session 1) CC: continuous assessment ; EE: written exam	10
<b>TBB-S1 Platform:transdisciplinary for Biochemistry and Biotechnologies</b>						
EN9187 — Systems Biology I	2,5	16	9	0	Assessment: Writing the abstract of a systems biology paper taken from the literature.	2,5
EN9188 — Systems Biology II	2,5	16	9	0	Assessment Students will be evaluated on their ability to synthesize and to present (talk) a scientific article in connection with modeling and cell engineering.	2,5
<b>GMCB-S1 Platform: Genetics, Molecular and cellular Biology</b>						
EN1166 — Biosignaling -UPSud	5	50	0	0	Session 1 : 0,2 * note attributed for exam and assignments in english classes + 0,2 * participation and writing assignment in research seminars + 0,6 presentation of research seminar Session 2 : 0,6 (presentation of research seminar) + 0,2* (note obtained in english class retained from 1* session) + 0,2* (note obtained for participation and writing assignment retained from 1* session)	5
<b>MB-S1 Platform:Microbiology</b>						
<b>PPP-S1 Platform:Physiology and physiopathology</b>						
EN1216 — Workshop on model organisms - UPSud	5	2	0	48	Session 1: F=CC No second session. Attendance to all the courses (35 hours/week, 5 days a week) is mandatory.	5
EN9184 — Workshop on model organisms (AOM)	2,5	1	0	24	Session 1: F=CC No second session. Attendance to all the courses (35 hours/week, 5 days a week) is mandatory.	2,5
<b>PS-S1 Platform:Plant Sciences</b>						
<b>IS-S1 Platform:Interschool</b>						
EN9237 — Masteriales	2,5	0	0	24	Oral (EO) and written(EE) reports of a final multi-disciplinary project. Session 1 : F=0,5 EO + 0,5 EE - Session 2 : F= 1 EE	2,5
<b>S2 - Semester 2</b>						
<b>Scientific training</b>						
EN9216 — Scientific project	5	0	0	0	Evaluation: Session 1: F=1 MEM Session 2: F=1 EO MEM = Written report in English (Maximum 15 pages, figures included); EO=oral exam	5

EN9217 — Internship	10	0	0	0	Evaluation: 25%: Internship report written in English (maximum 15 pages, figures and material & methods included) 25%: Oral presentation (15 minutes) 30%: Answers to jury questions and discussion 20%: Assessment skills (seriousness, diligence, integration to the team, participation, communication ...)	10
<b>TBB-S2 Platform:transdisciplinary for Biochemistry and Biotechnologies</b>						
EN1147 — Introduction to Synthetic Biology - UEVE	2,5	16	9	0	Assessment: Written exam	2,5
<b>GMCB-S2 Platform: Genetics, Molecular and cellular Biology</b>						
EN9189 — Epigenetics	2,5	9	10	0	Evaluation by a 1.5-hour written test on a theme discussed during the lectures, TD and / or lectures.	2,5
EN9190 — Membrane dynamics	2,5	12	11	0	Written exam (1h) plus oral presentation - F = 0,6 EE + 0,4 CC	2,5
EN9193 — Development in questions	5	25	25	0	Session 1: F=1 CC - Session 2: F=1 EO	5
EN9153 — Introduction to biotherapies	2,5	8	5	12	Session 1: F = 0,25 CC + 0,2 TP + 0,55 EE - Session 2: F = EE CC=continuous monitoring (contrôle continu) ; EE=written exam (examen écrit) ; TP=practical work (travaux pratiques)	2,5
EN9154 — Applied genomics and precision medicine	2,5	16	9	0	Session 1: F = 1/3 CC + 2/3 EE - Session 2: F = EE or EO CC=continuous monitoring (contrôle continu) ; EE=written exam (examen écrit) ; EO=oral exam (examen oral)	2,5
<b>MB-S2 Platform:Microbiology</b>						
<b>PPP-S2 Platform:Physiology and physiopathology</b>						
EN9156 — Animal transgenesis	2,5	16	9	0	Session 1: F = 1/3 CC + 2/3 EE - Session 2: F = EE CC=continuous monitoring (contrôle continu) ; EE=written exam (examen écrit)	2,5
EN9155 — Immuno-pathophysiology	2,5	16	9	0	Session 1: F = 1/3 CC + 2/3 EE - Session 2: F = EE or EO CC=continuous monitoring (contrôle continu); EE=written exam (examen écrit); EO=oral exam (examen oral)	2,5
<b>PS-S2 Platform:Plant Sciences</b>						
EN1246 — How to build a plant? - UPSud	5	30	0	20	Continuous assessment and written final exam Session 1: 0,3 CC + 0,7 EE Session 2: 0,3 CC + 0,7 EE (CC renewed from session 1) CC: continuous assessment ; EE: Written exam	5
<b>IS-S2 Platform:Interschool</b>						
EN9192 — Current Questions in Evolution	5	50	0	0	Evaluation: Session 1: Written exam. Session 2: Written exam or Oral exam.	5