

M1 - Life Sciences and Health - International Track - France

- ▶ formation initiale
- ▶ formation continue



Présentation

[Consulter la page du Master 1 sur le site de l'Université Paris-Saclay](#)

Programme

Life Sciences and Health - International track - France

Block 1: Core courses 12.5 ECTS

- Core courses: Transdisciplinary project 2.5 ECTS
- Core courses: Genes, proteins and cells 10 ECTS

Block 2: Major 20 ECTS

- 1ère UE à 5 ECTS en majeur

1 option(s) au choix parmi 3

- Methods in neuroscience 5 ECTS
- Workshop on model organisms 5 ECTS
- Biosignaling 5 ECTS
- 2ème UE à 5 ECTS en majeur

1 option(s) au choix parmi 3

- Methods in neuroscience 5 ECTS
- Workshop on model organisms 5 ECTS
- Biosignaling 5 ECTS
- Masterials 2.5 ECTS
- Systems Biology I 2.5 ECTS
- 1UE à 2.5 ECTS en majeur

1 option(s) au choix parmi 3

- Cellular economics 2.5 ECTS
- Synthetic Biology 2.5 ECTS
- Workshop on model organisms (AOM) 2.5 ECTS
- Introduction to Biotherapies 2.5 ECTS

Block 3: Minor 12.5 ECTS

1 option(s) au choix parmi 3

- 5 UEs à 2.5
- 4ème UE à 2.5 ECTS

1 option(s) au choix parmi 9

- Neurobiologie cellulaire et moléculaire 2.5 ECTS
- Introduction to human genetics 5 ECTS
- Immuno-pathophysiology 2.5 ECTS
- Systems Biology II 2.5 ECTS
- Fonctionnal genomics and precision medicine 2.5 ECTS
- Animal transgenesis 2.5 ECTS
- Epigenetics 2.5 ECTS

- Integrative microbiology 2.5 ECTS
- Lipids and membranes in patho-physiology 2.5 ECTS
- 5ème UE à 2.5 ECTS

1 option(s) au choix parmi 9

- Neurobiologie cellulaire et moléculaire 2.5 ECTS
- Introduction to human genetics 5 ECTS
- Immuno-pathophysiology 2.5 ECTS
- Systems Biology II 2.5 ECTS
- Fonctionnal genomics and precision medicine 2.5 ECTS
- Animal transgenesis 2.5 ECTS
- Epigenetics 2.5 ECTS
- Integrative microbiology 2.5 ECTS
- Lipids and membranes in patho-physiology 2.5 ECTS
- 2ème UE à 2.5 ECTS

1 option(s) au choix parmi 9

- Neurobiologie cellulaire et moléculaire 2.5 ECTS
- Introduction to human genetics 5 ECTS
- Immuno-pathophysiology 2.5 ECTS
- Systems Biology II 2.5 ECTS
- Fonctionnal genomics and precision medicine 2.5 ECTS
- Animal transgenesis 2.5 ECTS
- Epigenetics 2.5 ECTS
- Integrative microbiology 2.5 ECTS
- Lipids and membranes in patho-physiology 2.5 ECTS
- 1ère UE à 2.5 ECTS

1 option(s) au choix parmi 9

- Neurobiologie cellulaire et moléculaire 2.5 ECTS
- Introduction to human genetics 5 ECTS
- Immuno-pathophysiology 2.5 ECTS
- Systems Biology II 2.5 ECTS
- Fonctionnal genomics and precision medicine 2.5 ECTS
- Animal transgenesis 2.5 ECTS
- Epigenetics 2.5 ECTS
- Integrative microbiology 2.5 ECTS
- Lipids and membranes in patho-physiology 2.5 ECTS
- 3ème UE à 2.5 ECTS

1 option(s) au choix parmi 9

- Neurobiologie cellulaire et moléculaire 2.5 ECTS
- Introduction to human genetics 5 ECTS
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- Fonctionnal genomics and precision medicine 2.5 ECTS
- Animal transgenesis 2.5 ECTS
- Epigenetics 2.5 ECTS
- Integrative microbiology 2.5 ECTS
- Lipids and membranes in patho-physiology 2.5 ECTS
- 2 UEs 5 et 1 UEs à 2.5
- 2ème UE à 5 ECTS

1 option(s) au choix parmi 3

- Neurobiology of integrated systems 5 ECTS
- Current Questions in Evolution 5 ECTS

- Development in questions	5 ECTS
- 1ère UE à 5ECTS	
1 option(s) au choix parmi 3	
- Neurobiology of integrated systems	5 ECTS
- Current Questions in Evolution	5 ECTS
- Development in questions	5 ECTS
- 1ère UE à 2.5ECTS	
1 option(s) au choix parmi 9	
- Neurobiologie cellulaire et moléculaire	2.5 ECTS
- Introduction to human genetics	5 ECTS
- Immuno-pathophysiology	2.5 ECTS
- Systems Biology II	2.5 ECTS
- Fonctionnal genomics and precision medicine	2.5 ECTS
- Animal transgenesis	2.5 ECTS
- Epigenetics	2.5 ECTS
- Integrative microbiology	2.5 ECTS
- Lipids and membranes in patho-physiology	2.5 ECTS
- 1 UE 5 et 3 UEs à 2.5	
- 2ème UE à 2.5ECTS	
1 option(s) au choix parmi 9	
- Neurobiologie cellulaire et moléculaire	2.5 ECTS
- Introduction to human genetics	5 ECTS
- Immuno-pathophysiology	2.5 ECTS
- Systems Biology II	2.5 ECTS
- Fonctionnal genomics and precision medicine	2.5 ECTS
- Animal transgenesis	2.5 ECTS
- Epigenetics	2.5 ECTS
- Integrative microbiology	2.5 ECTS
- Lipids and membranes in patho-physiology	2.5 ECTS
- 1ère UE à 5ECTS	
1 option(s) au choix parmi 3	
- Neurobiology of integrated systems	5 ECTS
- Current Questions in Evolution	5 ECTS
- Development in questions	5 ECTS
- 1ère UE à 2.5ECTS	
1 option(s) au choix parmi 9	
- Neurobiologie cellulaire et moléculaire	2.5 ECTS
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- Integrative microbiology	2.5 ECTS
- Lipids and membranes in patho-physiology	2.5 ECTS
- 3ème UE à 2.5ECTS	
1 option(s) au choix parmi 9	
- Neurobiologie cellulaire et moléculaire	2.5 ECTS
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- Immuno-pathophysiology	2.5 ECTS
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- Animal transgenesis	2.5 ECTS
- Epigenetics	2.5 ECTS
- Integrative microbiology	2.5 ECTS
- Lipids and membranes in patho-physiology	2.5 ECTS
Block 4: Recherche training	15 ECTS
- Scientific project	5 ECTS
- Internship	10 ECTS