Université Paris-Saclay
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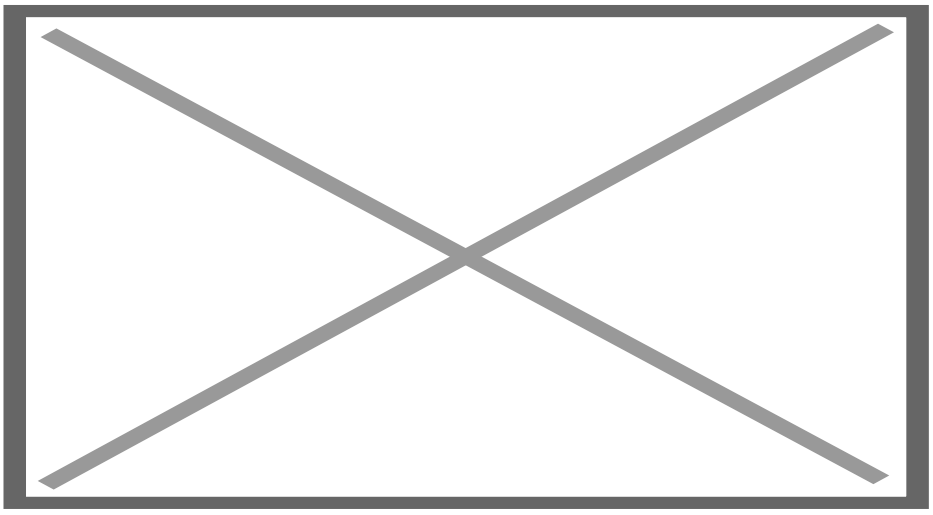
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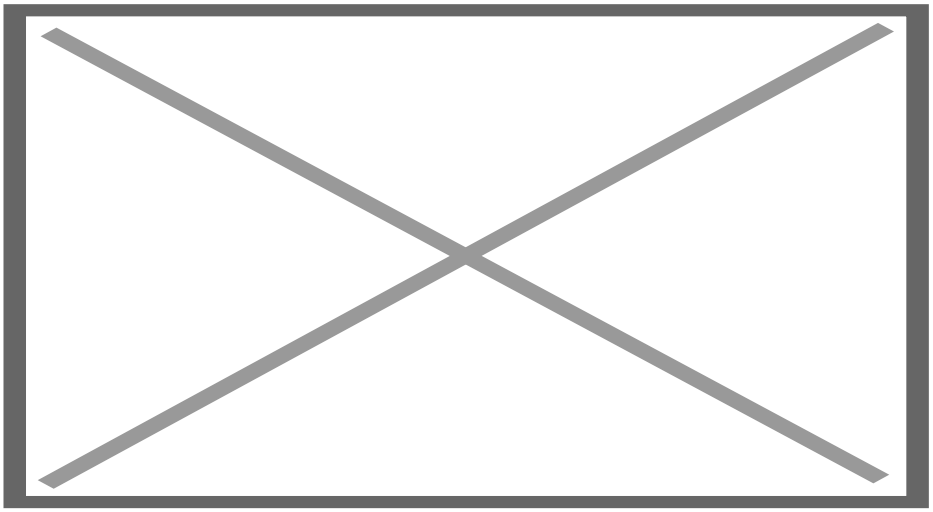
M2 Biologie, Physiologie, Pharmacologie de la respiration et du sommeil

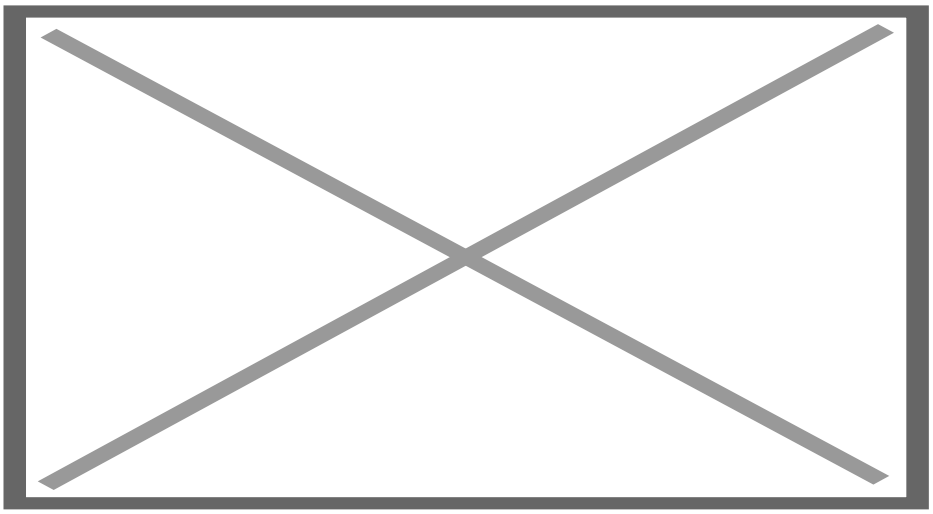
Master's degree
Specialisation Pharmaceutical Science
Enrolment type
Formation initiale
Language(s) of instruction
French

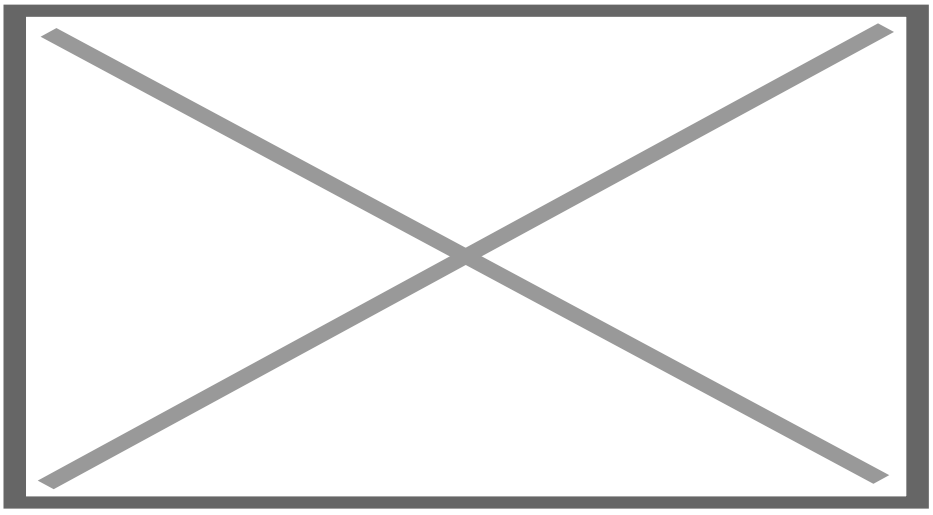
Students commence their training by developing essential skills and acquiring fundamental knowledge. This phase includes courses offered within the teaching units (UE) during the first semester, as well as a laboratory internship in the second semester.

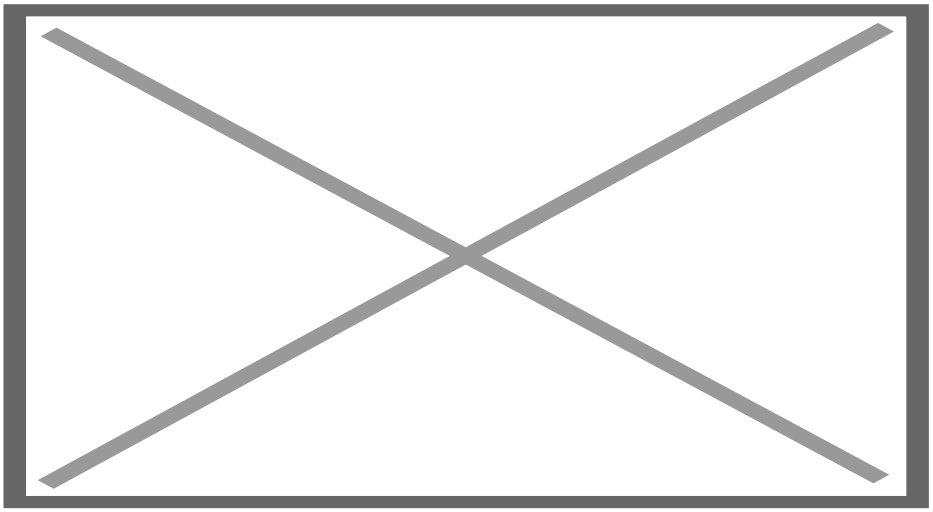
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Information

- Overview
- Application requirements
- Schedule

Présentation

Objectives

Our educational objective is to provide students with research-centered training, preparing them for research-oriented careers, particularly as teacher-researchers and researchers, in the specific areas covered by our program. Students initiate their training by developing fundamental skills and acquiring knowledge. This phase includes courses offered within the teaching units (UE) during the first semester, as well as a laboratory internship during the second semester. Throughout their academic journey, they have the opportunity to become acquainted with essential tools and concepts that underpin research in relevant disciplines, such as respiration and sleep. This acquisition primarily takes place through the teaching provided within the UEs and during their practical internship.

Calendar

Start of programme (indicative date)
04/11/2025
End of programme (indicative date)
28/09/2026
Admission

Capacity

Available Places

5

Target Audience and Entry Requirements

- Students who have successfully completed the first year (M1) of the BCPP Master's program.
- Students in Medicine, Pharmacy, Dentistry, or Veterinary Medicine nearing the end of their studies (having validated their DFASP or DES) and having earned a minimum of 30 ECTS credits.
- Students holding an M1 degree in Biological Sciences, Physiology, or Biochemistry from a university that offers education of comparable level in France or in European Union countries.
- Students from the INSERM School.
- Normaliens and Engineers from schools authorized to apply for doctoral scholarships.
- Engineers with an equivalent of an M1 degree.
- Provide a brief summary of the research project that will be conducted along with the letter of acceptance from the research supervisor.

Période(s) de candidature

Inception Platform

From 01/03/2026 to 31/08/2026

Supporting documents

Compulsory supporting documents

Copy of the last diploma.

Motivation letter.

Letter of recommendation from a trainee.

Research project.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Curriculum Vitae.

Additional supporting documents

Document at your convenience.

Certificate of French (compulsory for non-French speakers).

Level B2 required

Detailed description and hourly volume of courses taken since the beginning of the university program.

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

Supporting documents :
- Residence permit stating the country of residence of the first country
- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practi class
Immunopathologie, fibrogénèse, remodelage respiratoires	3	Semestre 1	32	3				
Charger le détail								
Physiologie et modélisation respiratoires	3	Semestre 1	24	5				
Charger le détail								
Pharmacologie Respiratoire	3	Semestre 1	20	10				
Charger le détail								
Biologie de la transformation de la cellule respiratoire	3	Semestre 1	27	5				
Charger le détail								
Biologie des épithéliums respiratoires	3	Semestre 1	27	5				
Charger le détail								
Neurophysiologie de la respiration et du sommeil	3	Semestre 1	20	10				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practi class
Circulation pulmonaire	3	Semestre 1	24		6			
Charger le détail								
UE libre Catalogue S1	2.5	Semestre 1						
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista learr cou
Stage dans un laboratoire de recherche avec mémoire de stage et soutenance	30	Semestre 2	0	0	0				
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist lea co
Anglais oral	3	Semestre 1	20	0					
Charger le détail									
Stage court et présentation projet de recherche	9	Semestre 1	20	0					
Charger le détail									

Teaching Location(s)

CRETEIL
PARIS 15
LE KREMLIN BICETRE

Contact

-

Marc Humbert

- **Christophe GUIGNABERT**

http://www.universite-paris-saclay.fr/formation/master/sciences-du-medicament-et-des-produits-de-sante/m2-biologie-physiologie-pharmacologie-de-la-respiration-et-du-sommeil