

Bordeaux Neurocampus

Program Outline

The PhD Program in Neuroscience is part of the Bordeaux Neurocampus Graduate Program of the University of Bordeaux. PhD students of the Program are enrolled in the research laboratories of Bordeaux Neurocampus, a highly international and vibrant research community. Bordeaux Neurocampus is composed of 6 institutes affiliated with the CNRS, the Inserm or the INRAe, representing 54 research teams all located within walking distance.

The PhD projects cover a wide range of topics concerning complex brain functions and diseases. The diverse as well as complementary expertise includes: imaging and biology of neural cells and synapses, animal and human behavior, physiology of neural networks, mechanisms of neurodegenerative and mental disorders. Multidisciplinary technological approaches and multiscale analyses are employed, at the molecular, cellular, systemic, behavioral, and clinical levels. The International PhD training offer includes:

- › Research projects in Bordeaux Neurocampus laboratories.
- › 100 hours of additional courses, with a balance between disciplinary (Neuroscience) and complementary training.
- › Monthly PhD seminars organized by PhD students.
- › Hands-on training workshops as a trainee or instructor at the Bordeaux School of Neuroscience (Cajal Advanced Neuroscience Training program, Introduction to Experimental Neuroscience workshop,...).
- › Preparation for different career opportunities (research, teaching, project management, scientific mediation, business and entrepreneurship etc.) in the academic as well as the private sector.

Admission Requirements

- › Hold a Master degree in a relevant discipline
- › Prove an excellent academic and scientific level
- › Demonstrate previous experience in a research laboratory Doctoral School Health and life science

Doctoral School

Health and life science

Language Requirements

Program taught entirely in English, a B2 level according to the CEFR is required.

Fees and scholarships

- › PhD positions are offered on a yearly basis
- › International mobility grants and co-supervised theses are available upon application based on the program's academic collaborations.
- › Annual registration fees for all selected applicants are calculated according to the rules and regulations of the University of Bordeaux (approximately 400€).

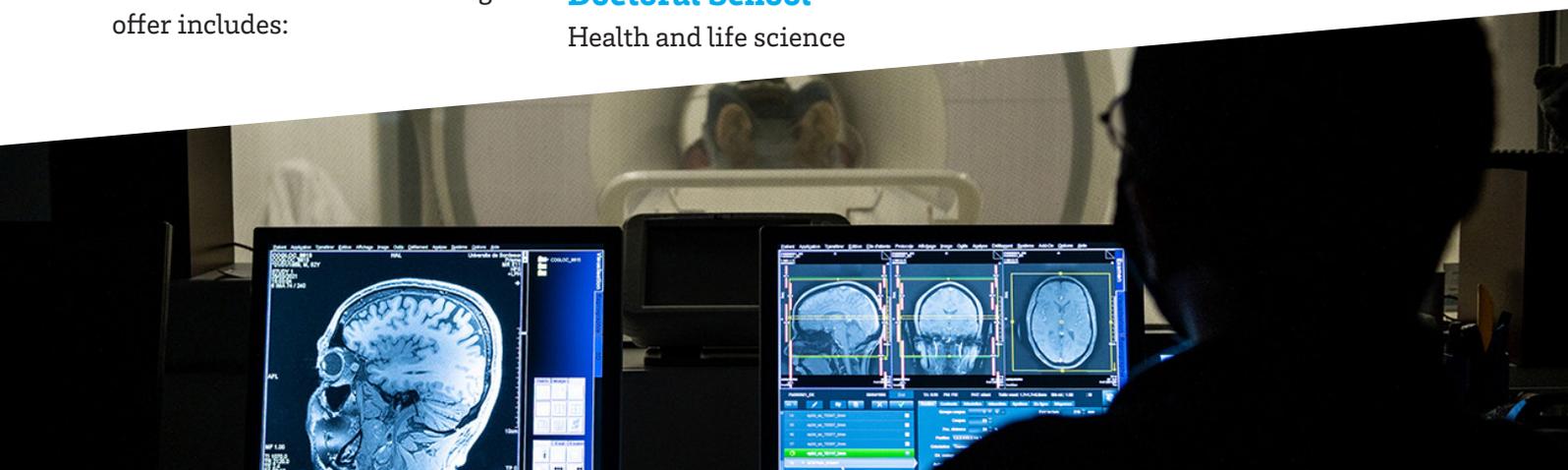
Program duration

3 years

Strengths

An integrated, innovative and cross-disciplinary international PhD Program in neuroscience:

- › Expertise of the Bordeaux Neurocampus research laboratories covering a wide variety of skills and technologies from basic to applied and translational research.



- › Cutting-edge facilities that feature technological innovations and provide graduates with hands-on training.
- › International mobility and/or training opportunities.
- › Access to international scientific networks via structured academic and industrial partnerships.
- › Career guidance services to support the professional insertion of graduates.

Program Structure

Selected as a French Initiative of Excellence, the PhD Program in Neuroscience focuses on knowledge, innovation and cross-disciplinarity. Its students benefit from a variety of educational programs, ambitious training initiatives, international conferences and top quality research facilities with the support of public research organizations (French National Center for Scientific Research - CNRS, French National Institute of Health and Medical Research - Inserm, and the French National Institute of Agricultural, Food and Environmental Research - INRAE). PhD students benefit from a variety of educational programs, ambitious training initiatives, international conferences and top quality research facilities. The International PhD training offer includes:

- › Research projects in Bordeaux Neurocampus laboratories.
- › 100 hours of additional courses, with a balance between disciplinary (Neuroscience) and complementary training, including a

- course in business and entrepreneurship.
- › Monthly PhD seminar series currently organized by PhD students.
- › Hands-on training workshops as a trainee or instructor at the Bordeaux School of Neuroscience.

And after?

The PhD Program in Neuroscience prepares students for different career opportunities (research, teaching, project management, scientific mediation, etc.) in the academic as well as the private sector.

How to apply?

Online application: personal details and documents to be provided for pre-selection :

- › Personal interview (in person on site at Bordeaux Neurocampus or via Skype): 30 minutes to present academic background, research experience, motivation and arguments justifying the choice of three preferred PhD research projects.
- › Discussion and final validation with the PhD supervisor.
- › Pedagogical and administrative registration. PhD students of the program are enrolled in the Life and Health Science Doctoral School of the University of Bordeaux.

Website



Contact

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