MASTER  
Neuroscience  
(Neurasmus)

**Program factsheet**

**ACADEMIC COOPERATION**
Collaboration between five partner universities:
- Canada: Université Laval
- France: University of Bordeaux
- Germany: UMG Universitätsmedizin Göttingen Charité, Universitätsmedizin Berlin
- Netherlands: Vrije Universiteit Amsterdam

Associated members: Janssen Pharmaceuticals; Sartorius Stedim Biotech SA; Roche Pharma; Flying Health; Innoki; Caterna; Otto Bock; Biotronik; Osmunda; Sanofi; Scriptorium Consulting; Canadian Neuroimaging Platform (supported by Brain Canada, a national funding agency); Berlin Institute of Health; SPARK Berlin.

**PROGRAM DURATION**
2 years (120 ECTS).

**TUITION FEES**
- Available scholarships: Erasmus Mundus student scholarships
- Self-funded program country students*: 2,250€ per semester (9,000€ for the 2 year-program)
- Self-funded partner country students*: 4,500€ per semester (18,000€ for the 2 year-program)

**LEVEL**
Double / multiple MSc in Neuroscience. A Neurasmus joint diploma supplement is additionally awarded by the consortium.

**ADMISSION REQUIREMENTS**
Candidates must fulfill the following requirements:
- Hold a Bachelor’s degree (180 ECTS) or a qualification in natural sciences.
- A solid basic knowledge in general cell biology, as well as the basics of chemistry and biochemistry, physics and math is required.
- Excellent proficiency in English.

**LANGUAGE REQUIREMENTS**
- Candidates who completed their education in Canada, USA, UK, Ireland, New Zealand, South Africa, or Australia, do not need to provide an English certificates.
- All other applicants (incl. candidates who hold a Bachelor or Master degree taught in English) need to provide evidence of their English language skills with any one of the following test scores:

**Program outline**

A European Master in Neuroscience: advanced courses and research training.

The Neurasmus program is a full-time Neuroscience study program offering a unique interdisciplinary and integrated approach of normal brain functions and diseases. It strongly emphasizes training in cutting-edge techniques in all major topics of brain research, from molecules to cognition.

The Neurasmus curricula are completely embedded in international-oriented local Master programs of the partner universities. Each program features among the best and most reputed national programs in Neuroscience.

The Neurasmus program is an Erasmus Mundus Joint Master Degree developed under the Key Action 1 of the Erasmus+ program. Action 1 fosters cooperation between higher education institutions and academic staff in Europe and Third Countries with a view to creating poles of excellence and providing highly trained human resources. Joint programs of outstanding academic quality are designed and implemented by a consortium of European universities from at least three different countries. Consortia may also include universities from other parts of the world.

Programs include obligatory study and research periods, in at least two universities, and award recognized double or multiple degrees.

* See website for details and information on what defines program and partner country students.

College of Health Sciences
Program structure

At the application stage, students choose the main track they wish to follow. This defines their first year mobility.

› Track 1: Neurogenomics (120 ECTS)
› Track 2: Neuropharmacology (120 ECTS)
› Track 3: Imaging and Neurophysiology (120 ECTS)
› Track 4: Clinical Neuroimaging and Translational Neuroscience (120 ECTS)
› Track 5: High Resolution Imaging (120 ECTS)

Depending on the track chosen, students spend their first and second semesters in Amsterdam / Göttingen / Berlin / Bordeaux.

Semester 3
Advanced courses
The choice of the advanced courses (30 ECTS), in association with the initial track, will define the subspeciality training obtained by the student.

Semester 4
Master Thesis
Students complete a six month research project or industrial placement leading to a Master Thesis (30 ECTS). It takes place in a location defined according to the Personal Training Plan. This location must be chosen in collaboration with the affiliated partner university.

→ And after?

› On completion of the Master program, students are qualified candidates for different exchange and training PhD programs currently available among the consortium members.
› Graduates will have also the possibility to pursue their studies at PhD level at any of the consortium graduate schools (www.enc-network.eu) or at any other research institution worldwide.
› Graduates interested in starting a career within the business sector, benefit from the industrial network of the consortium.

Strengths

Scientific education and training with innovative and interdisciplinary brain research methodology.

Research projects (laboratory rotations) involving experimental work and data analysis.

Common workshops bringing together students and university representatives.

Small classes and close contact with faculty staff.

International learning environment with high-level mobility opportunities.

Attractive scholarships.

Contact

COORDINATION OFFICE neurasmus@u-bordeaux.fr
Program Coordinator: Prof. Agnès Nadjar - Administrative Manager: Florina Camarasu

Neurasmus Application Helpdesk
All questions linked to the application process (help with the online application form, inquiries about admission & eligibility criteria, etc.) must be addressed to: neurasmus-application@u-bordeaux.fr

www.neurasmus.u-bordeaux2.fr

How to apply?

Students may apply online:

@univbordeaux
univbordeaux