NEURASM
NEURASMUS: A EUROPEAN MASTER IN NEUROSCIENCE: ADVANCED COURSE AND RESEARCH TRAINING

Duration
2 years

Course description
With brain diseases responsible for 35% of Europe’s disease burden, neuroscience research is pivotal in fighting the challenges faced by our health systems. Meanwhile, pharmaceuticals across Europe report a shortage of neuroscientists properly trained in experimental methodologies and the latest techniques used in clinical and industrial research. Neurasmus is a two-year joint Master Programme in Neurosciences whose main objectives are: 1) to provide strong training in state-of-the-art technologies and technology transfer; 2) to enhance employment prospects in academia, industry, and entrepreneurship and consulting; and 3) to support our graduates through Europe-wide networks of mentors and industry associates early in their careers.

Neurasmus includes five partner institutions, each a leader in a key field of neuroscience research: 1) Vrije Universiteit Amsterdam (Neurogenomics); 2) Université de Bordeaux (Neuropharmacology); 3) Georg-August-Universität Göttingen (Neurophysiology and Imaging); 4) Charité - Universitätsmedizin Berlin, Freie Universität und Humboldt - Universität zu Berlin (Clinical Neuroimaging and Translational Research); 5) Université Laval, Québec (Neuro photonics). As a joint international programme, Neurasmus is fully integrated into the local institutions, and has the commitment of all partners for financial support.

During the two years of the Master, every student will take rotations in at least two host institutions of the consortium. Our teaching staff are very active in research, and the programme covers a rich interdisciplinary curriculum, from basics in Neuroscience to brain pathologies, and from optogenetics and small-scale microscopy to translational research. Students will be introduced to the different domains of neuroscience through advanced seminars, tutorials, and hands-on laboratory training. They will take internships in academia and industry, choosing among more than 400 internship opportunities in hospital laboratories, pharmaceuticals and biotechnology parks. Students will participate in workshops and career mentorship events held by our industry partners. Innovative teaching methodologies include individual hands-on tutorials, conferences by world-class scientists, and collaborative projects run with students who are on rotation in another partner institution, so that everybody will have worked together. Students will receive training in scientific writing, all aspects of scientific communication, English and two other foreign languages. They will have the opportunity to publish in a student-run Neuroscience Newsletter.

Our graduates will profit from the rich connections we maintain with research centres across Europe and the world. They will be highly competitive and will receive strong support if they wish to pursue a PhD degree, an industry career or a consulting career in our wide network of affiliates.

Web site
For the Master webpage, please consult the link: [http://europa.eu/!RN87Kc](http://europa.eu/!RN87Kc)

Partners
UNIVERSITE DE BORDEAUX, France (coordinating institution)
UNIVERSITE LAVAL, Canada
HUMBOLDT-UNIVERSITAET ZU BERLIN, Germany
UNIVERSITAETSMEZIDIN GOETTINGEN - GEORG-AUGUST-UNIVERSITAET GOETTINGEN - STIFTUNG OEFFENTLICHEN RECHTS, Germany
STICHTING VU, Netherlands

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