The program is a central part of the Charité’s Center for Stroke Research Berlin (CSB), which strives to:

- overcome the translational roadblock in stroke medicine by integrating basic research with patient treatment and rehabilitation
- provide sample frames for large-scale clinical and patient-oriented studies
- improve career options for highly ambitious young scientists, paving the way for the future generation of stroke specialists

As a stroke scientist who has worked both in the lab and with patients for many years, I find it important that students will learn a conceptual and methodological framework ready to be applied with immediacy to develop, run and analyze their own studies.

Prof. Dr. Jens P. Dreier
The role of spreading depression, spreading depolarization and spreading ischemia in neurological disease. Nat Med 2011;17:439-447

Quick Facts

- 2-year master’s program
- Part-time, combining work and study
- For medical doctors, healthcare professionals, and scientists
- Focus on stroke research, treatment and clinical studies
- Excellent faculty
- Taught in English
- Student services available
- Tuition fees: Euro 3,375 per semester plus a minor matriculation fee

Application Deadline: 15 July

Contact Details
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Disclaimer: Information concerning faculty, course content, etc. in this flyer is subject to change without notice.

www.master-stroke.de
Why you should complete this new and highly innovative master’s course:

- Experience all aspects of cutting edge translational science by world-class scientists
- Combine your current job activities with the master’s course using the extensive long distance learning opportunities
- Take advantage of the CSB’s outstanding faculty and structural resources
- Create long-lasting networks with some of the world’s leading stroke experts
- Benefit from excellence in basic sciences and clinical research at the Charité - Universitätsmedizin Berlin, Europe’s largest university hospital
- Acquire the knowledge and tools to become a top notch clinical scientist

Our Mission

The program provides comprehensive training to young healthcare professionals in all relevant aspects of stroke research and stroke medicine. The three main goals are:

- improving professional training and career opportunities for young scientists
- creating an attractive environment for outstanding collaborative research projects
- qualifying graduates to conduct their own independent interdisciplinary research projects

As a specialist in geriatric medicine, I know that bench to bedside translation is essential in future stroke prevention, acute treatment and rehabilitation.

I chose the MSc in CVM to further my knowledge of this disease.

Dr. Isabelle Missala
Graduated 2011

Your Career

The tremendous progress basic neurobiology has made over the last 20 years does not yet fully benefit our patients. Learn why, and become one of those overcoming the "translational roadblock"!

Prof. Dr. Ulrich Dirmagl
Bench to bedside: The quest for quality in experimental stroke research.

Work and Study at the Same Time

The blended learning concept includes:

- seven intensive on-site teaching weeks over the course of the two year program. Here, close faculty-student interaction ensures in-depth discussion of the course content.
- extensive e-learning materials that include further readings, podcasts, discussion forums and self-assessment quizzes.
- a textbook covering the central topics of each module carefully prepared by the faculty

Neuroplasticity and the aging brain -- take away their food and let them run! Students will learn if and how this statement could be true.

Prof. Dr. Agnes Flöel
Lifestyle and memory in the elderly.

Program Structure

The program is divided into nine modules including the master thesis. These nine modules award a total of 60 ECTS credit points. Each module stretches over two months with a five day onsite teaching week. Exceptions to that are the practical training and the Master thesis.

Students who do not want an entire Master degree program can participate in individual modules. Respective certificates will be issued.

I found the curriculum to be a perfect opportunity to learn about all aspects of stroke research from the people who deal with it every day. Given my clinical research background, I was intrigued by the idea of learning from experimental neuroscientists, finally understanding statistical methods, and gaining an overview of a field I was barely familiar with.

Dr. Benjamin Hotter
Graduated 2011

Key Facts

Target Group
The program targets medical doctors, healthcare professionals and scientists planning a career in stroke research. The course is specifically designed to allow students to combine ongoing work commitments with program activities.

Coaching
Starting with the cohort in 2012, each student will receive an individual career development program. The program will consist of support by a career trainer as well as by a select scientific mentor.

The clinical epidemiology module develops essential postgraduate skills in critically evaluating the design, methodology and analysis of studies in stroke populations; allowing evidence-based clinical practice and research.

Dr. Ian Wellwood

Faculty
Internationally acclaimed scientists and leading experts in their field teach in the program. Students get the latest research findings from the people who did the groundwork.

Tuition Fees and Stipends
The tuition fees amount to Euro 3,375 per semester plus a minor matriculation fee. A limited number of stipends is available through the CSB. Students for whom the tuition fee presents financial hardship or who can already show performance indications for a scientific career can submit a letter explaining their situation and requesting financial aid.