Medical Sciences

Degree conferred
Scientiarum doctor in scientiis medicinae / Doctor of Philosophy in Medical Sciences (PhD)

Commencement of studies
An application for admission may be submitted at any time.

Regulation
https://studies.unifr.ch/go/1Q *(French and German only)*

Application procedure
Candidates with Swiss qualifications
https://studies.unifr.ch/go/Ui3b4
Candidates with foreign qualifications
https://studies.unifr.ch/go/2KPbe

Fribourg profile

The Medicine Section offers doctoral programmes in various domains of the biomedical research. Students are affiliated to one of the research groups of our Section and in addition may attend an organised programme of lectures, seminars and other activities. See for example: BeNeFRi Programme *Neuroscience*.

All details concerning the present research activities of each group, the available PhD positions and the contact addresses can be found in the websites of each group (see Contact).

Department of Neurosciences and Movement Science (NMS)

- **Prof. P. Boya**
  Autophagy in neurons
- **Prof. J.-P. Bresciani**
  Perception and control of movement
- **Prof. S. Durrleman**
  ABCCD - Autism, Bilingualism, Cognitive and Communicative Development
- **Prof. M. Prsa**
  Sensorimotor Neuroscience
- **Prof. G. Rainer**
  Visual cognition laboratory
- **Prof. M. Schmid**
  Optovision - perceptual brain circuits and plasticity
- **Dr L. Spierer**
  Laboratory for cognitive and neurological sciences
- **Prof. W. Taube**
  Motor control and motor learning
- **Prof. A. von Philipsborn**
  Neuronal circuits and behavior

Department of Endocrinology, Metabolic science and Cardiovascular System (EMC)

- **Profs. S. Cook and M. Togni, Dr M.-N. Giraud**
  Translational and clinical cardiology
- **Prof. D. Hoogewijs**
  Molecular oxygen sensing and physiology
- **Dr Y. Ravussin**
  L.E.A.N.: Laboratory of Energetics and Advanced Nutrition
- **Prof. Z. Yang**
  Cardiovascular and aging research

Department of Oncology, Microbiology and Immunology (OMI)

- **Prof. A. Iliev**
  Molecular neuroinfectiology
- **Prof. P. Nordmann**
  Molecular and medical microbiology: emerging antibiotic resistance unit
- **Prof. J. Stein**
  Cell biology of the adaptative immune system
- **Prof. C. Szabo**
  Hydrogen sulfide signaling in health and disease
- **Prof. N. Vannini**
  Experimental and translational oncology
- **Prof. M. Walch**
  Immunology and infectious diseases

Department of Medical-Surgical Specialties (MSS)

- **Prof. A. Curioni**
  Overcoming resistance to immunotherapy & Developing new therapies for mesothelioma patients
- **Prof. L. Bühler, Dr C. Gonelle-Gispert**
  Surgical Research unit

Department of Medicine and Public Health (MPH)

- **Prof. A. Chiolero, Dr S. Cullati, Dr C. Carmeli**
  Population Health
- **Prof. G. Hasler**
  Psychiatry Research
- **Prof. D. Inta**
  Biological psychiatry
- **Prof. P.-Y. Rodondi**
  Family Medicine

Studies organisation

Structure of studies

ECTS credits can be earned.

Doctoral school

http://studies.unifr.ch/go/phd-benefri-neuroscience
https://ssphplus.ch/en/graduate-campus/
http://studies.unifr.ch/go/phd-fglm

Admission

In order to be admitted to a doctorate the candidate must have been awarded an academic **bachelor's and master's degree** or an

equivalent qualification from a university recognised by the University of Fribourg.

Before applying for a doctorate the candidate must contact **a professor** who would be willing to supervise the thesis work.

There is **no general right** to be admitted to a doctorate.

The respective conditions of admission for each doctoral study programme are reserved.

Contact

Faculty of Science and Medicine
Medicine Section
https://studies.unifr.ch/go/en-medicine-research

Doc- Postdoc-portal

http://www.unifr.ch/phd