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
http://studies.unifr.ch/go/Pm-6g (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. L. Spierer
  Laboratory for cognitive and neurological sciences
- Prof. J.-P. Bresciani
  Perception and control of movement
- Prof. M. Schmid
  Optovision - perceptual brain circuits and plasticity
- Prof. G. Rainer
  Visual cognition laboratory
- Prof. W. Taube
  Motor control and motor learning
- Prof. M. Prsa
  Sensorimotor Neuroscience
- Prof. A. von Philipsborn
  Neuronal circuits and behavior
- Prof. S. Durrleman
  ABCCD - Autism, Bilingualism, Cognitive and Communicative Development
- Prof. P. Boya
  Autophagy in neurons

Department of Endocrinology, Metabolic science and Cardiovascular System (EMC)
- Prof. S. Cook and M. Togni, Dr M.-N. Giraud
  Translational and clinical cardiology
- Prof. D. Hoogewijs
  Molecular oxygen sensing and physiology
- Prof. A. Lauber-Biason
  Molecular endocrinology
- Prof. Z. Yang
  Cardiovascular and aging research
- Dr Y Ravussin
  L.E.A.N.: Laboratory of Energetics and Advanced Nutrition

Department of Oncology, Microbiology and Immunology (OMI)
- Prof. L. Filgueira
  Cell biology, immunology and clinical anatomy
- Prof. P. Nordmann
  Molecular and medical microbiology: emerging antibiotic resistance unit
- Prof. C. Ruegg
  Experimental and translational oncology
- Prof. C. Szabo
  Hydrogen sulfide signaling in health and disease
- Prof. J. Stein
  Cell biology of the adaptive immune system
- Prof. M. Walch
  Immunology and infectious diseases

Department of Medical-Surgical Specialties (MSS)
- Prof. B. Egger and L. Bühler, Dr C. Gonelle-Gispert
  Surgical Research unit
- Prof. M. Tannast
  Orthopedics surgery and traumatology
- Prof. A. Curioni
  Overcoming resistance to immunotherapy & Developing new therapies for mesothelioma patients

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

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
http://studies.unifr.ch/endoctorat/medspo/biomedicalresearch
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  
[http://studies.unifr.ch/go/medicine-research](http://studies.unifr.ch/go/medicine-research)

**Doc- Postdoc-portal**

[http://www.unifr.ch/phd](http://www.unifr.ch/phd)