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) and in the Scientific Report of the Medicine Section, which is published every two years (actual: 2017/2018).

**Department of Neurosciences and Movement Science (NMS)**
- Prof. J.-M. Annoni, Dr 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

**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
- Prof. A. Lauber-Biason
  Molecular endocrinology
- Prof. Z. Yang
  Cardiovascular and aging research

**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. Rüegg
  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, Dr P.-Y. Mantel
  Immunology and infectious diseases

**Department of Medical-Surgical Specialties (MSS)**
- Profs. B. Egger and 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

**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
http://studies.unifr.ch/go/medicine-research

Doc- Postdoc-portal

http://www.unifr.ch/phd