

## Research activities of the 5 Faculties

### Economic and Social Sciences

- Business administration
- Economics
- Informatics
- Mass media and communication
- Non-profit and technology management

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

### Science

#### ■ Biology

Four areas of focus: cellular and developmental biology, molecular biology of plants, ecology and evolution, membrane biology

#### ■ Chemistry

Ten research groups, with a focus on nanosystems and computational science

#### ■ Medicine

Anatomy, biomedical sciences, physiology, medicine, sports

**Specialties:** cardiovascular/metabolic regulation, behavioral control

#### ■ Geosciences

Human geography, landscape ecology, geology, paleontology, mineralogy, archeometry

#### ■ Physics

Atomic physics, solid-state physics, soft matter physics, econophysics

#### ■ Material sciences

Analysis, algebra and geometry, biomathematics, numerical mathematics, probability and statistics

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

### Theology

- Biblical, ecumenical, and liturgical studies
- Church history
- Ethics and philosophy
- Morals
- Religions and religious languages

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

### Law

- Commercial law
- Criminal law
- Federalism
- Private and public law
- Swiss, European and international law

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

### Arts and Humanities

#### ■ Historical science

History, archaeology, art history, Byzantine and Paleochristian art

#### ■ Languages and literature

French, German, Italian, Spanish, English, Slavic languages, classical philology, multilingualism, Romansch

#### ■ Philosophy

2 main fields: systematic philosophy and history of philosophy

#### ■ Psychology

Clinical psychology, cognitive psychology, work and organizational psychology

#### ■ Social science

Sociology, anthropology, social politics, religious studies

#### ■ Special education

Study of empirically validated research concerning patients with disabilities

#### ■ Pedagogy

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

## Interdisciplinary research

### The following areas of research are interdisciplinary and involve researchers from multiple departments

#### ■ Competitiveness

Research areas: determinants of competitiveness, innovation, cluster mapping and the role of clusters to increase prosperity, governmental policies fostering competitiveness, role of multinational enterprises (MNEs) on the technological and economic upgrading of host and home countries

#### ■ Ethics and Human Rights

Research areas: cultural rights, ethics in economic activities (i.e. the link between human rights, political economy, and development), human rights' philosophy

#### ■ European Studies

The center for European studies encourages, supervises, and facilitates Europe-related projects

#### ■ Informatics

Research areas: Document, Image and Voice Analysis (DIVA); Decision Support (DS); Information Systems (IS); Pervasive and Artificial Intelligence (PAI); Software Engineering (SoftEng); Telecommunications, Networks and Security (TNS); eXascale Infolab (XI)

#### ■ Multilingualism

Examines multilingualism and its linguistic, social, political, economic and educational aspects. Major areas: multilingualism in education, human migration and the workplace, evaluation of language competence.

#### ■ Nanoscience

Research areas: polymer chemistry and materials, bio-nanomaterials, self-assembly of nanoparticles

#### ■ Environmental science

Research areas: Environmental protection, climate change, energy and resources shortage, from a point of view of disciplines like biology, physics, geosciences, philosophy, economics and law

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

## Short-term doctoral level research programme

### Description

- Duration: 4 – 6 months maximum
- Grant: CHF 1'700/month
- Application deadlines: February 28 or September 30, for a stay at the following semester

### Conditions

- Minimum 2 semesters completed at a foreign university recognized by the University of Fribourg
- Foreign residency at time of application
- < 35 years old upon arrival at the University of Fribourg
- Has a research project draft at the University of Fribourg
- Demonstrated need for scholarship funding to complete study
- Consent of a professor at the University of Fribourg to accompany the scholar during his / her stay
- Defined goals reviewed and approved by the assigned professor

### Application

- Download, fill out the application form of the selected programme ([www.unifr.ch/international](http://www.unifr.ch/international)), and send the completed application via both post and email to:

University of Fribourg  
International Relations Office  
20 Avenue de l'Europe  
1700 Fribourg  
Switzerland  
[international-scholarship@unifr.ch](mailto:international-scholarship@unifr.ch)

## Short-term post-doctoral level research programme

### Description

- Duration: 1 – 3 months
- Grant: CHF 1'900 / month
- Application deadlines: February 28 and September 30, for stays beginning three months after the respective deadlines

### Conditions

- Doctorate completed within the last 3 years at a foreign university recognized by the University of Fribourg
- Foreign residency at time of application
- Employed or volunteering in the research centre of a foreign university at time of application
- Demonstrated need for scholarship funding to complete research
- Consent of a professor at the University of Fribourg to accept the scholar in his / her research group
- Defined goals reviewed and approved by the professor overseeing the research and / or preparation of publication

### Contact us

- University of Fribourg  
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1700 Fribourg  
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