

> Why Grenoble  
> Why Grenoble ?



To be in Grenoble is a great opportunity to get immersed in a multicultural community studying arts and science. Grenoble's universities host 60 000 students with more than 9000 foreigners each year. The city is the leading research center in France outside Paris area and is often described as the

"French silicone valley" with booming high tech businesses. You will leave this university with a fluent command of French and a new insight in French history, literature and way of life.



Having fun in Grenoble:

- Skiing
- Mountain hiking (fauna, flora of the Alps)
- An outstanding art museum
- Concert halls, theatres
- The heart of Europe: 3h TGV to Paris, 3h

TGV to the Mediterranean Sea,  
Driving distance from Spain, Italy, Germany, Switzerland...

*Enjoy the great French way of life – You may become addicted!*



## Contact

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# Bachelor of science in Biology

Grenoble  
FRANCE



# > Bachelor of sciences in Biology

University Joseph Fourier (UJF- Grenoble), one of the best French universities according to international ranking, welcomes the students of any nationality for a full programme of undergraduate biology studies in English. Grenoble's laboratories are among the best in Europe and our teaching programmes are closely linked to their research themes. Our University offers a great opportunity for biology students to get intense experimental training using the practical work platform (CUBE)\* and summer internship in our research institutes.



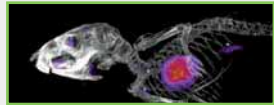
## BIODIVERSITY



## STRUCTURAL BIOLOGY



## CELL BIOLOGY



## PHYSIOLOGY

The programmes are open to groups of students coming for a semester from our partner universities around the world under a student exchange agreement. The foreign students will be mixed with French students.

Any course of the programme can be taught in English and French courses for foreigners (any level) are offered at any semester.

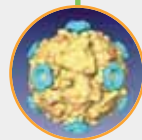
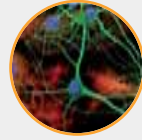
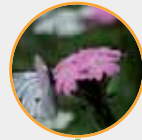
For additional information or customized arrangements, please contact [relations.internationales@ujf-grenoble.fr](mailto:relations.internationales@ujf-grenoble.fr)



CUBE  
<http://www-biologie.ujf-grenoble.fr/CUBE/>



# > International Programme of Biology



## SEMESTER 1

- Introduction to Cell Biology
- General Chemistry
- Algebra and Elementary Analysis
- Physics for Life Sciences
- Multimedia Informatics

## SEMESTER 2

- Molecular Cell Components
- Animal and Plant Biology
- Organic and Inorganic Chemistry
- Dynamical Systems and Modelling
- French courses

## SEMESTER 3

- Cell Biology
- Genetics
- Thermodynamics and Kinetics
- Statistics for Life sciences
- French courses

## SEMESTER 4

- Biochemistry 1
- Physiology
- Cell Imaging or Ecology
- Supervised Experimental Project
- French Courses

## SEMESTER 5

- Experimental Training in Molecular and Cell Biology 1 and 2
- Biochemistry 2
- Molecular basis of Gene Expression
- French Courses

## SEMESTER 6

- Developmental Biology
- Cellular Neurobiology
- Bioenergetics
- Structural Biology
- Ecology

 experimental biology

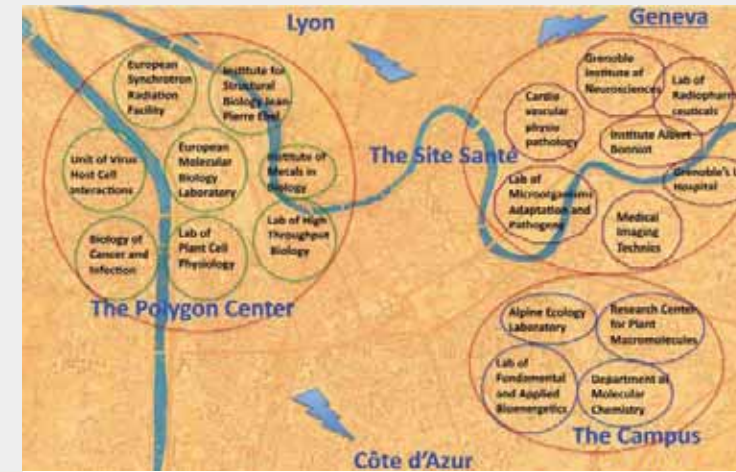
The curriculum could be adapted to fit specific requirement

The courses content can be consulted at  
[http://dlst.ujf-grenoble.fr/international/BIO\\_ang.html](http://dlst.ujf-grenoble.fr/international/BIO_ang.html)

# > Biology research in Grenoble

Grenoble is a fertile environment, famous for research and technology involving 20% of its active population. Science is the driving force of the town and our Biology laboratories provide a vast playground for a strong experimental training encompassing the main fields of modern biology. Our research laboratories are geographically grouped on three specialised campuses.

## > Grenoble Institutes for Research in Biology



## > Research Laboratories

### THE POLYGON CENTER:

8 research institutes including 2 prestigious European research centres (European Synchrotron Research Facility (ESRF) and the European Molecular Biology Laboratory (EMBL). Research areas include Structural Biology, Plant Biology and Biology of viruses and cancer.

### THE SITE "SANTÉ":

7 health research centres comprising medical imaging, neurosciences, cancer, and hospital research.

### THE CAMPUS:

4 research laboratories in the field of Molecular Chemistry, Ecology and Bioenergetics.



<http://www.ujf-grenoble.fr/recherche/chimie-biologie-sante/laboratoires/>