



UNIVERSITÉ GRENOBLE ALPES

# International Programs Health Campus



Secteur Santé



UNIVERSITÉ  
Grenoble  
Alpes



# UNIVERSITÉ GRENOBLE ALPES AN INTERNATIONALLY ENGAGED UNIVERSITY

The Université Grenoble Alpes (UGA) is one of France's leaders in higher education and research. As a comprehensive, global university, the UGA was created in order to respond to the challenges of higher education and the world today. Enrolling about 45.000 students each year, the university offers academic programs in all disciplines, and represents a major center for research and innovation in the heart of Europe.

The university and its students, faculties, and staff have close ties to the world around us. We believe these local and global ties make our research, our teaching, and our communities rich and strong, and you will see them reflected in all our key activities.

Internationally ranked, the UGA is profoundly committed to its international partnerships, maintaining collaborative projects with more than 650 universities in over 80 countries. Our researchers collaborate with their peers worldwide on innovative projects in every discipline.

International relations also have pride of place in teaching and learning. The UGA's traditions - innovation, diversity, excellence - are embodied in our expertise in education, creating a welcoming

environment for international students, faculty, and staff and fostering the necessary skills in those who wish to broaden their horizons with an international experience.

The UGA's UNESCO Chair in International Communication has spent the last 15 years helping institutions worldwide to build their own master's and doctoral programs. We also participate in prestigious international degree programs, such as our 5 Erasmus Mundus master's programs and more than 50 double-degree programs created with the expertise of our world-wide partners. The UGA is also proud to offer 20 international degree programs taught entirely in English.







## A TRADITION OF EXCELLENCE IN RESEARCH

Our faculties produce high quality research in all disciplines, and work across disciplinary boundaries to bring innovative solutions to the important problems the world is facing. Researchers in over 80 research centers, supported by national and international funding, work on timely and essential topics such as climate change, cyber-security, big data, and digital technologies in the health sciences.

Taking advantage of its close ties to Grenoble's thriving community of R&D, innovation, and international business, the university has participated in the creation of over forty start-ups, maintains patents for its state-of-the-art research, and actively supports student entrepreneurs. This extraordinarily vital and productive environment is part of the reason that Grenoble has been named 5th most innovative city by Forbes Magazine.

The UGA's Foundation supports interdisciplinary initiatives such as innovative approaches to language learning, health and nutrition in an ageing population, and nanotechnology in satellite construction for space exploration.

## INNOVATION AND INTERDISCIPLINARITY IN TEACHING AND LEARNING

The UGA offers a wide range of degree programs in all disciplines, ranging from undergraduate, master's and doctoral programs to professional degrees and certificate programs. The university maintains close ties to business and industry in order to equip its students for the challenges of the professional world. The UGA has built flexibility into its programs, allowing students to engage in interdisciplinary training, distance learning, or adult and continuing education.

The university is particularly focused on cutting-edge programs in fields such as energy, biotechnology, nanomedicine and nanotechnology. Interdisciplinary programs allow our students to take advantage of the expertise of professors in multiple fields. This same spirit of innovation is present in our approach to pedagogy; the UGA makes the most of digital technology and distance learning to make its programs accessible to students with specific needs, such as handicapped students, student athletes, and working adults.





## AN UNPARALLELED ENVIRONMENT

Nestled in the heart of the Alps, residents of Grenoble enjoy an unparalleled quality of life. Each year, Grenoble is voted among the top three cities by French students who appreciate the spectacular environment that Grenoble has to offer. Easily accessible by bus, tram, or bike, the UGA's principal location is a 180-hectare self-contained campus, offering extensive student services and a rich student life. Additional locations throughout the Grenoble region place students and faculty close to important European research facilities and innovative international businesses.

The university also offers affordable, dedicated housing for students and international researchers, a variety of cafés and restaurants, and extensive athletic facilities. The UGA offers 35 sports: in addition to mountain sports such as skiing, climbing, hiking, and snowboarding, students, faculty and staff can participate in swimming, rugby, archery, horseback-riding, volleyball, and much more.

Campus life is enlivened by more than 200 student organizations and over 400 cultural events each year. A student-run radio station ties the university to the city of Grenoble, and the UGA's theater - Amphidice - organizes performances, films, lectures, and arts events for the university community. The student center - EVE - provides both a space for social interaction and specific funding for student initiatives.

**45000**  
STUDENTS

 **13%** ARE  
INTERNATIONAL

RESEARCH  
CENTERS

**80** **20**

LANGUAGES  
TAUGHT

**3000**

FACULTY

**2500**

STAFF MEMBERS

**24**

ACADEMIC  
DEPARTMENTS,  
SCHOOLS,  
AND INSTITUTES

**650**

UNIVERSITY  
PARTNERS

**80** in more than  
COUNTRIES

**180**

NATIONALITIES  
REPRESENTED  
ON THE CAMPUS

**1000** INTERNS ABROAD EACH YEAR



## HEALTH CAMPUS

### «AN INTEGRATED ENVIRONMENT TO PREPARE FOR THE FUTURE HEALTHCARE»

The Health Campus welcomes 8000 students every year and prepares them to enter the healthcare sector by delivering a very wide set of diplomas: doctors, pharmacists, biologists, nurses, midwives, physiotherapists, technicians, engineers...

Situated near the main campus of UGA and a few minutes away from the city center of Grenoble, it offers to the students the best environment for studies and for the learning by the practice, thanks to innovative educational approaches and state-of-the-art equipment. This Health Campus groups Faculty of Pharmacy and Medicine, the University hospital of Grenoble (CHUGA), Research laboratories of very high level in the field of the health: Biomedical Engineering for Health (TIMC-IMAG Lab), Institute for Advanced Biosciences (IAB), Grenoble Institute for Neurosciences (GIN), Physio Pathology of Hypoxia (HP2), as well as the business incubator, BIOPOLIS, to welcome start-ups and SMEs in MedTech and BioTech.

The campus offers numerous services to the students with catering services and possibilities of accommodation nearby. Working rooms, computing resources, as well as university library welcome the students for their personal work. A raised park and a botanical garden Dominique Villars (therapeutic and toxic plants) decorates the site and favors serenity for effective studies. More than 2000 m<sup>2</sup> of rooms of practical class and experimental devices are used by the teachers to dispense interactive and lively courses, widely based on the practice and the simulation.



### «A SHARED STRATEGY»

Over the past years, average life expectancy has increased by approximately 4-5 years per generation. The number of older people in long-term care has grown due to chronic diseases, and the gap between the active and inactive has widened, while the pressure on health and social care costs for society has increased. Awareness of the need to improve lifestyles, urban/natural environment and medical literacy amongst citizens, employers and policy-makers has risen and citizen-centered approaches to encourage behavioral change have been initiated. This situation demands that the barriers to innovation be removed. Only if this occurs will industry leaders, entrepreneurs and SMEs be able to effectively turn knowledge and ideas into new products and services that improve the health and quality of life of citizens and drive economic growth. A cross-disciplinary and approach must be taken to address the three main challenges –education and talents, innovation barriers, and enabling technologies and data – that have been identified.

To answer to the new stakes the challenges of Healthcare, the Faculties of Medicine and Pharmacy developed new educational strategies with numerous innovations accessible to the set of the students. The proposed trainings have a large focus on the international, widely calling on to the learning by the practice and the simulation. Numerous teachings are now done by inverted pedagogy and on the basis of multidisciplinary approaches. We are developing the concept of schools, allowing an integrated, intensive, and multidisciplinary education, particularly in the field of the engineering and the new technologies for the health.

## KEY FIGURES

MORE THAN



ON THE HEALTH CAMPUS

(Pharmacy, Medecine, Maieutics, Paramedical trainings, Bachelor's degrees, Masters and continuing education).

**1 600** STUDENTS IN FIRST YEAR OF THE STUDIES OF HEALTH (PACES)

- APPROXIMATELY **1100** STUDENTS IN PHARMACY,
- **176** IN BACHELOR'S DEGREES,
- **161** STUDENTS IN M1 AND **197** IN M2
- **358** IN MASTER'S DEGREES



# A STRONG ORIENTATION TOWARDS THE HEALTH APPLICATIONS

## «A UNIVERSITY HOSPITAL»

The UGA works along with the University Hospital Grenoble Alps (CHU Grenoble Alpes), in a close partnership with the Faculties of Medicine and Pharmacy, participating actively in the training of the future medical doctors and pharmacists. It also manages 10 schools and institutes of staff training paramedical which welcome more than 1100 students every year. With more than 2100 beds and places, the CHU is beyond the 12th most important hospitals of France. It employs 8.000 professionals among whom 1.700 are medical doctors and pharmacists. It has successful technical services and provides highly specialized medical care. More than one hundred sorts of specialized teams are contributing directly or indirectly to its vocation of care, education, research and prevention.

## RESEARCH

The CHUGA benefits from a high potential in numerous domains of research on which it bases its scientific fame. It contributes to the progress of the medical and pharmaceutical sciences in contact with all the partners of the research units, faculties, INSERM (National center for scientific Research) and European Synchrotron Facility (ESRF).

## CARE

The CHUGA assures common and highly specialized medical and surgical care and welcomes the whole Emergency patients 24 hours a day. It is organized in 20 poles including additional activities: Clinical units (9); Laboratories and technical units (6); Administrative, logistics and technical (5).

## PREVENTION

The Hospital participates in numerous actions of public health, prevention and educational therapeutic of the patients as well as in the information campaigns of the general public by actions coordinated with the networks of health and within the framework of the Educational Transverse Unit of the Patient (UTEP).



<http://www.chu-grenoble.fr>



# UGA HEALTH GRADUATE SCHOOL

UGA Health Graduate School is based on the emerging convergence of several sciences and engineering (life sciences, physical sciences, nano, bio and information technology) that were originally viewed as distinct and potentially contradictory. Convergence does not imply a transfer of tool sets from one field to another; fundamentally different conceptual approaches from physical sciences and engineering are imported into biological research, while Life Sciences' understanding of complex evolutionary systems is reciprocally influencing physical sciences and engineering. Today coupling the different advances in health, materials, imaging, optics and quantum physics, IT, computing, modelling and simulation will revolutionize again Life and Clinical Sciences. UGA see this convergence as a blueprint for addressing health and environmental challenges of the 21st century, by providing a new knowledge base, as well as innovative services and products. This Graduate School want enable the innovation necessary to meet the growing demand for predictive, preventive organized and affordable health care.

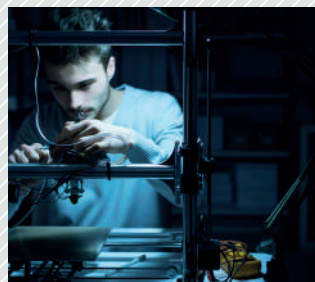


## TIMC-IMAG LAB

(Biomedical Engineering for Health)

[www-timc.imag.fr](http://www-timc.imag.fr)

The TIMC-IMAG lab gathers 300 scientists and clinicians distributed in teams, linking computer science and applied mathematics for understanding and controlling normal and pathological processes in biology and medicine. This multi-disciplinary activity both contributes to the basic knowledge of those domains and to the development of systems for computer-assisted diagnosis and therapy. For several years, TIMC-IMAG has been very active in the industrial dissemination of its research results. Some of these actions have resulted in the development of industrial companies in the field of Biomedical Engineering (23 start-ups). This dissemination activity has been rewarded by "Trophée National de l'Innovation" (INPI, French National Agency for Industrial Property). TIMC-IMAG is a joint UGA-CNRS-CHUGA organization (UMR5525), which employs approximately 300 people divided in twelve groups.



## IAB

(Institute for Advanced Biosciences)

[iab.univ-grenoble-alpes.fr](http://iab.univ-grenoble-alpes.fr)

The IAB is an institute of international standing in basic and translational biomedical research. The scientific strategy of IAB is based on an unique blend of scientific expertises encompassing the entire biological continuum from molecules to populations and covering genetics, epigenetics and signaling through chromatin, cell biology and cell-matrix interactions, cell signaling, molecular pathology, host-parasite interactions, immunology and environmental epidemiology. IAB is committed to scientific excellence and promotes an intense and dynamic collaborative culture, supporting risk-taking and cross-disciplinary research towards groundbreaking discoveries. IAB is a joint UGA-INSERM-CHUGA organization (U1209).



## GIN

(Grenoble Institute for Neurosciences)

[neurosciences.univ-grenoble-alpes.fr](http://neurosciences.univ-grenoble-alpes.fr)

The GIN's mission is to study central and peripheral nervous systems, in order to understand their functioning and propose innovative therapies for neurological, neuromuscular and psychiatric diseases. The GIN's strategy is to develop a research continuum beginning with molecules and ending with humans, based on fundamental high-quality basic research associated with the development of unique and original technological and therapeutic innovations. As a result, there are several ongoing clinical studies that implement concepts or tools developed at the GIN. GIN is a joint UGA-INSERM-CHUGA organization (U U836).



## HP2

(Physio-Pathology of Hypoxia)

[hp2.univ-grenoble-alpes.fr](http://hp2.univ-grenoble-alpes.fr)

The HP2 laboratory has been created in 2001 with the objective of bringing together around a clinical entity, sleep apnea syndrome (SAS), and an experimental model, Intermittent Hypoxia, a set Competencies and physiological, pharmacological, biochemical and clinical research techniques. A constant interaction between experimental hypotheses and clinical questions is thus implemented, aiming at a better knowledge of the cardiovascular, neurological and metabolic effects of the SAS and optimization of the management of the patients. HP2 is a joint UGA-INSERM-CHUGA organization (U1042).





### **LBFA**

(Basic and Applied Bioenergetics)

[www.lbfa.ujf-grenoble.fr](http://www.lbfa.ujf-grenoble.fr)

The LBFA develops advanced concepts and applies innovative tools (e.g. imaging, interactomics, etc) in bioenergetics. LBFA is working on molecular bioenergetics, in particular structure and function of key kinases and their role in energy and metabolic homeostasis in cellular systems, animal models or clinical patients, induced by exercise, drugs or chronic disease. LBFA develops specific fields of interest in: (i) mitochondrial physiology and cell death, and (ii) energy metabolism, exercise and nutrition. LBFA is a joint UGA-INSERM organization (U1055).



### **LRB**

(Bioclinics Radiopharmaceuticals)

The LRB aims to develop radiolabelled molecules for nuclear medicine -diagnosis and therapy- in the fields of cardiology, metabolism, oncology and neurodegenerative diseases. Including both «biological» and «clinical» expertise, LRB can implement all development stages of tracers, from the design of an original molecule to its transfer into the Clinics. Clinical transfer of two molecules developed in the laboratory has been recently successful (glucose transport, and vulnerable atheroma plaque, neurodegenerative). The LRB is a joint UGA-INSERM-CHUGA organization (U1039).



### **IBS**

(Institute of Structural Biology)

[www.ibs.fr](http://www.ibs.fr)

The IBS is a research center for integrated structural biology, performing interdisciplinary research at the interface of biology, physics and chemistry, and combines basic science, applied science and technical innovation. IBS's research themes, grouped around 3 research programs: (1) Infection and Molecular Medicine; (2) Membrane Signaling and Transport; (3) Frontiers in Biophysics and Chemistry for Structural Biology. The IBS, which has been funded by the UGA, the CEA, and the CNRS (UMR 5075) employs approximately 270 people divided in eighteen groups.

## **OTHER LABS**

- CEntre de Recherches sur les MACromolécules Végétales (CERMAV) [www.cermav.cnrs.fr](http://www.cermav.cnrs.fr)
- Clinattec Lab [www.clinattec.fr](http://www.clinattec.fr)
- Département de chimie moléculaire (DCM) [dcm.ujf-grenoble.fr](http://dcm.ujf-grenoble.fr)
- Département de pharmacochimie moléculaire (DPM) [dpm.ujf-grenoble.fr](http://dpm.ujf-grenoble.fr)
- European Molecular Biology Laboratory (EMBL) [www.embl.fr](http://www.embl.fr)
- European Synchrotron Radiation Facility (ESRF) [www.esrf.eu](http://www.esrf.eu)
- Institut Laue-Langevin (ILL) [www.ill.eu](http://www.ill.eu)
- Laboratoire d'écologie alpine (LECCA) [www-leca.ujf-grenoble.fr](http://www-leca.ujf-grenoble.fr)
- The French Alternative Energies and Atomic Energy Commission (CEA) [www.cea.fr](http://www.cea.fr)

The local innovation ecosystem of Grenoble Alpes region has attracted leading multinationals and has spurred the creation of a growing cohort of start-ups in the field of biomedical technologies. Alongside UGA local organisations, including Medic@Ips, Tasda, Minalogic and Lyonbiopôle clusters are active participants in the Medtech/Biotech industry, providing a range of services to support innovation, from training through R&D project engineering and help securing financing. 160 companies are dedicated to medical technologies, biotechnologies and e-health. The turnover of the healthcare sector in Grenoble Alpes exceeds € 4 billion. This sector employs more than 8,500 jobs. Grenoble Alpes have developed partnerships with similar groups abroad, be it BioAlpes (Switzerland) and Bioindustry Park Silvano Fumero on the Alpine pathway or the Montreal Health Technologies Campus and MassMedic (Boston, USA) in North America.

## **MAIN BIOTECHNOLOGY AND SOME HEALTH INDUSTRIES**

- Roche Diagnostics [www.roche-diagnostics.fr](http://www.roche-diagnostics.fr)
- Becton Dickinson (BD) [www.bd.com](http://www.bd.com)
- Biomerieux [www.biomerieux.com](http://www.biomerieux.com)
- Trixell [www.trixell.com](http://www.trixell.com)
- Eveon [www.eveon.eu](http://www.eveon.eu)
- Stem cell technologies [www.stemcell.com](http://www.stemcell.com)
- Ecrins therapeutics [ecrins-therapeutics.com](http://ecrins-therapeutics.com)
- Synthelis [www.synthelis.com](http://www.synthelis.com)
- CreaCell [www.creacell.com](http://www.creacell.com)

# GRENOBLE, A DYNAMIC INTERNATIONAL SITE FOR STUDYING PHARMACY AND BIOTECHNOLOGY

The Faculty of Pharmacy of Grenoble Alps University (UGA) has a long story of international exchanges for students and professors in order to promote cultures, civilizations and skills sharing and further enrich research, teaching and communities. As an International Institution, we welcome students from different countries around the world to study and follow internships in Grenoble Alps University Hospital, Research laboratories or Companies. Our Faculty promotes innovative education for students in Therapeutics, Diagnostics and Medical devices with a strong emphasis on Biotechnologies. We also organize exchanges for academic members to boost international collaborations in research and teaching.

In 2016, UGA received the IDEX label, an excellence national program to enhance interdisciplinary teaching and research worldwide. As part of the excellence, the Faculty obtained 3 IDEX financing and we are partner of IDEX equipment. Several of our teachers are involved in IDEX Research (CDP). And numerous international students of our faculty benefit from IDEX scholarships.



financé par  
**IDEX Université Grenoble Alpes**

We propose innovative education in French or English languages (international masters, reversed pedagogy, e-learning, interdisciplinary formation altogether in strong collaboration with Grenoble Alps University Hospital (CHU), Research laboratories or Companies in Pharmacy and biotechnology). In this context, we provide our students and professors a very dynamic and international environment, enabling success for their projects

## PHARMACY EDUCATION

- **What:** We prepare our students to basic and essential knowledge for pharmacists who pretend to work in hospitals, dispensaries, university laboratories and industries in strong collaboration with the CHUGA.
- **Who:** Pharmacy students (from 2<sup>nd</sup> year to 5<sup>th</sup> year)
- **Language:** French
- **Calendar:** Autumn session (End of August - beginning of January), **30 ECTS**  
Spring session (Beginning of January – beginning of July), **30 ECTS**

### ■ Programs

After a selection of the Pharmacist students at the end of the first year, our pharmacy education proposes for the second year courses on basic knowledge in biology, chemistry, physics, statistics and clinical aspects. From the third year, our students are going further with a reversed pedagogy view, e-learning sessions, resolved problem learning and practical sessions on clinical pharmacy, quality control, drugs chemistry commercialization and production, biotechnology, toxicology, experimental pharmacology, regulation and safety. To accompany courses, students apply each year for an internship in hospital, pharmacy, dispensary, companies or research laboratories.

## BIOTECHNOLOGY EDUCATION

- **What:** We propose a comprehensive range of courses dedicated to Biotechnologies and Health Engineering. Practical sessions are organized using experimental training platforms and Technological Research infrastructures.
- **Who:** Bachelor (2<sup>nd</sup> and 3<sup>rd</sup> years) and Master students (1<sup>st</sup> and 2<sup>nd</sup> years)
- **Language:** French and/or English
- **Calendar:** Autumn session (End of August - beginning of January), **30 ECTS**  
Spring session (Beginning of January – beginning of July), **30 ECTS**

[secteur-sante.univ-grenoble-alpes.fr/ufr-pharmacie](http://secteur-sante.univ-grenoble-alpes.fr/ufr-pharmacie)







## HEALTH INTERNATIONAL PROGRAMS AT A GLANCE

### BACHELOR PROGRAMS

Our Biotechnology Bachelor programs are proposed for the second year (L2) and the third year (L3). These programs contain lectures, practical sessions and internships in French for studying biotechnology, engineering, therapeutics, and biomolecules production, diagnostic and clinical analysis.

### MASTER PROGRAMS

French speaking international students can apply for our French MSc programs organized by the faculties of pharmacy and medicine. According to their professional projects, students can apply for masters (M1 or M2 level) related to biotechnologies, pharmaceutical sciences, health-environment relationships or innovative medical devices. These programs contain lectures, practical sessions and internships. Please note that some of these programs contain courses taught in English (with a B2 level requested). Additionally, international masters are particularly suitable for non-french speaking students. These programs give access to multidisciplinary courses, summer schools and internships in Grenoble or in our Partner Universities abroad.

[master-sante.univ-grenoble-alpes.fr](http://master-sante.univ-grenoble-alpes.fr)

### INTERNATIONAL MASTERS

■ The Master of Health Engineering has been labelled in 2010 by the Education, Audiovisual and Culture Executive Agency (EACEA) among 15 new Erasmus Mundus Master Courses (EMMC) selected from more than 200 applications. Our EMMC has put forth an integrated model for education-research-innovation that brings together several disciplinary approaches: Clinical research, Molecular biotechnology, Biomedical physics, Engineering and Computing. The MSc students are invited to develop multidisciplinary

knowledges by choosing elective courses outside their parent disciplines (minor), and by experiencing systems approach in their research internships. Since 2011, our EMMC program has welcomed and awarded with a double degree 88 students, selected from more than 1500 candidates. Two thirds of these graduates have continued their studies with a doctorate at UGA and Partner Universities. Some of them enroll doctoral positions at UGA or our partner universities, and at competing universities such as Oxford, Lausanne, Amsterdam, London, Stockholm, Max Plank Institute, or European Molecular Biology Laboratory. In order to support the sustainable development of a strong Graduate School in Engineering for Health, we set up scholarships to support students demonstrating true academic excellence.

These scholarships are funded by industries, through European Programs such as Erasmus Mundus (EACEA), Master Labelling, PhD Transition Fellowship, and Summer School programs (EIT-Health European Institute of Technology for Health), Coopera (Auvergne Rhône-Alpes Region) or Biomerieux Scholarships (UGA Foundation).

The UGA Academic Partners are

- European Scientific Institute (ESI)
- Universitat de Barcelona (UB)
- Università degli Studi di Torino (UNITO)
- Universidad Politécnica de Madrid (UPM)
- Karolinska Institutet (KI)
- Maastricht University (MU)
- Kungliga Tekniska Högskolan (KTH-Royal Institute)
- Oxford University (OU)
- Imperial College London (IC)
- Universidade de Lisboa (ULisboa)
- Soochow University (SUDA)
- Manipal University (MU)
- Tongji University (Tongji)
- Zhejiang University (ZJU)



## BIOHEALTH ENGINEERING

In the context of the European Higher Education and Research Area, Université Grenoble Alpes (UGA FR), Universitat de Barcelona (UB SP), Università degli Studi di Torino (UNITO IT), and Universidad Politécnica de Madrid (UPM, SP) jointly set up a new program at Master of Science level, in the fields of Health for Life Engineering (Health4Life), associating the European Scientific Institute (ESI-CERN FR) and several associated partners  
[www.healthforlife-engineering.eu](http://www.healthforlife-engineering.eu)

## BIOHEALTH ENGINEERING/MOLECULAR BIOTECH

In 2016, we implemented a training master 2 «Biohealth engineering» double diploma between the Faculty of Pharmacy of the University Grenoble Alpes (UGA) and the Faculty of sciences of Lebanese University (LU) which is the largest and the only public university out of the 28 in Lebanon with its 70 000 students.

To be admitted to this Master 2 program, students must hold a Master 1 in the field of biochemistry, chemistry and Biotechnologies delivered by the Lebanese university. Accession to Master 2 is reserved to students with excellent academic results (ranking, general average). The selection on academic results is followed by an interview with a selection committee.

Training relocated to the Faculty of Sciences of the Lebanese University, Beirut (Lebanon). The Courses are shared equally between UGA and LU (15 credits).

Courses as videoconferencing, e-learning and on DVD in which the Faculty of Pharmacy of the UGA have strong experience. UGA may delegate to UL, for each academic year and for the necessary duration, at least one teacher in charge of the organization and coordination of the academic year.





## BIOHC SCHOOLS

Since 2011, the bioHealth Computing Schools (bioHC) give participants the opportunity to leave a transformational experience, which will help them to develop transferable skills necessary for successful innovation. The bioHC's mission is to educate outstanding minds and cultivate leaders who will explore fundamental principles underlying disease, and design new biomedical technologies for health and wellbeing. The interdisciplinary program brings medicine as well as the biology, physics, and computing from the scientist's bench to the citizen's environment and back again to the bench. bioHC is implemented in European Scientific Institute, a unique CERN-supported organization pushing technology to the limits between research and innovation.

During the bioHC Schools, the participants meet innovative scientist and high tech start-up companies to discuss their ideas with highly qualified professors and young entrepreneurs. They explore different aspects of venturing and starting their own company by visiting innovation labs and incubators. The participants, who are introduced to Creative Thinking, have a unique opportunity to promote (pitch) their ideas in front of a business panel, with the opportunity for further development of promising teams, and potential links to EIT Health Accelerator.

The focus of the bioHC Schools is on problem-based approach through team working, utilizing the available expertise of the participant's team and of the professional and teaching staff. European credits (ECTS) are rewarded after taking part in the Oral defense (Pitching session), and after handing over individual assignment (deliverables) two weeks after the School.

Four BioHC Schools are jointly proposed in English by UGA, Universitat de Barcelona, European Scientific Institute (ESI which is CERN supported) and our

European Partner (EACEA, EIT Health, EIT Raw Materials, European Respiratory Society, )

BioHC schools give highly motivated graduates and early-career professionals the opportunity to broaden their knowledge of translational research and innovation approaches in human and environmental health. Organised by ESI in collaboration with leading European universities, research laboratories and innovation-driven companies, current BioHC specialist schools include:

- SaferNanoDesign - Safer Ecodesign for Nanomaterials
- IBD4Health - Innovation on Big Data for Healthy Living
- CompMed - Computer-based simulation for Optimised Healthcare
- SenSim - Sensing & Imaging for Human & Environmental Health



[biohealth-computing.eu](http://biohealth-computing.eu)  
[esi-archamps.eu](http://esi-archamps.eu)



## CAMPUS LIFE

The UGA also boasts a truly international campus. 20 languages are taught here and even more are spoken: 180 different nationalities are represented by our more than 7,000 international students.

Hundreds of UGA students also go abroad each year on exchange, and nearly 1,000 students do an international internship or work placement as part of their studies.

The UGA offers a diverse and lively campus life, cultural and arts events, sports, excursions, continuing education and life-long learning, and family activities to suit every taste. Students can take advantage of the student center, EVE, sign up for the international student association, Integre, or join one of over 200 student-run organizations. Volunteer opportunities both on and off campus allow students to get involved with issues that matter to them. Faculty and staff also benefit from affordable activities. A faculty and staff association organizes cultural, sports, and leisure time activities for the UGA community and their families.

[eve-grenoble.fr](http://eve-grenoble.fr)

[integre-grenoble.org](http://integre-grenoble.org)

### THE INTERNATIONAL WELCOME TEAM

Situated at the heart of the university campus the Welcome Information Area (Espace Accueil Information) is there to extend to you a warm welcome not only when you first arrive but also throughout the university year. This Office brings together different services for students of Université Grenoble Alpes:

- Welcome and personalized guidance service,
- Cultural services and students projects,
- Service Accueil International /International Students and Scholars Office (ISSO)

On-campus Prefecture office is also situated in the "Espace Accueil Information" building.

ISSO has as its main aim facilitating the arrival in Grenoble - and then helping with the 'settling' in process - of international students, doctoral research students and other researchers. The Centre is affiliated to the national and European network of student service centres, EURAXESS, set up by the European Commission.

More information, guides and practical info-sheets can be downloaded: [international.univ-grenoble-alpes.fr](http://international.univ-grenoble-alpes.fr)







## ACCOMMODATION

Life on and off campus is also convenient and affordable. Campus is served by two trams and multiple bus lines, and is also easily accessible from Grenoble's more than 320 kilometers of bike paths. A public entity, the CROUS, guarantees affordable housing and meals for the UGA community.

The public-sector university residences are managed by the CROUS (Centre Régionaux des Oeuvres Universitaires et Scolaires). This type of accommodation is the cheapest, all these lodgings are furnished and the monthly cost usually includes heating, lighting and water. For a self-contained 'studio flat' or apartment, electricity is charged separately.

For all information concerning the university residences in Grenoble, [crous-grenoble.fr/demanderunlogement/le-logementuniversitaire/typologie-des-residences](http://crous-grenoble.fr/demanderunlogement/le-logementuniversitaire/typologie-des-residences)

The international welcome team is there to help you throughout the university year, particularly accompanying you and giving advice on finding suitable accommodation, helping you in the steps to take in obtaining and validating your visa and residence permit and last but not least giving you tips about practical matters in Grenoble: health and banking facilities and getting around.

To prepare your arrival to Grenoble, you may prepare your budget. Get an overview on the living costs here: [international.univ-grenoble-alpes.fr/en/student/practical-matters/managing-your-budget/managing-your-budget-584456.htm](http://international.univ-grenoble-alpes.fr/en/student/practical-matters/managing-your-budget/managing-your-budget-584456.htm)

## LEARNING FRENCH

The first center (since 1896) to offer French language instruction to foreigners, the CUEF is at the forefront of educational innovation.

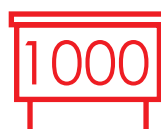
The CUEF in Grenoble provides training and expertise internationally for multiple partners: French institutes, French alliances, embassies, and universities, various educational and training institutions. The needs of our partners are studied more closely, so that our offer of training and expertise is most suitable and most satisfying possible.



40 teachers and educationalists with many specialties (literature, phonetic, theatre, evaluation, grammar, French on specific objectives, TICE...)



33 authors of reference works and methods used worldwide



1000 teachers trained each year in missions across 5 continents

- **a program of varied activities** Excursions and visits are organized in Grenoble and in the region (Lyon, Regional Parks of Chartreuse and Vercors, Chamonix-Mont-Blanc, Annecy ...)
- **advanced accommodation formula** Language studies abroad (Host families, student or hotel residences, studios, hotels).

You may follow the footsteps of the many personalities trained at the CUEF, from Jackie Kennedy to Masako Owada, Princess of Japan!  
[cuef.univ-grenoble-alpes.fr](http://cuef.univ-grenoble-alpes.fr)





**Secteur Santé**

**[univ-grenoble-alpes.fr](http://univ-grenoble-alpes.fr)**

**ADMINISTRATIVE CONTACT**

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