

## **Welcome to Université Grenoble Alpes - UGA**

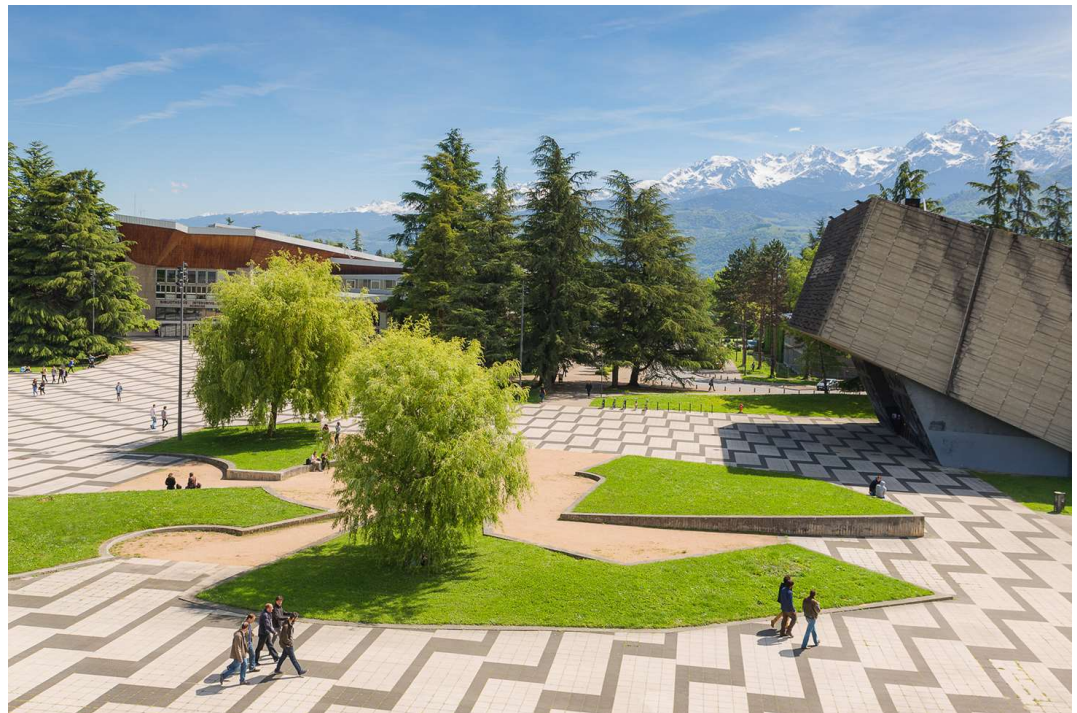
### **International rankings**

Université Grenoble Alpes ranks each year in the Top 100-250 group of the best world universities in all major international rankings, and is in the Top 10 of French higher education institutions.

### **Some numbers**

Université Grenoble Alpes brings together 55,000 students including, 8,500 international students, 3,200 PhD students, and 6,600 staff members.

As a driving force for progress and a laboratory for initiatives, it acts with its many partners to accompany the evolution of society.



### **Our ecosystem**

Grenoble consistently ranks among the world's top most innovative cities. With a very high ratio of patents per inhabitants, the city relies on a unique and efficient system of innovation and knowledge transfer.

## **Study at the Faculty of Pharmacy of Grenoble!**

The Grenoble Faculty of Pharmacy trains future pharmacists and healthcare professionals to serve the patient. Our major concern? Listening to patients, the relevance of advice and analysis of the prescription in order to optimize and secure the delivery of treatment to the patient.



International Relations take on an important role in the organization of training courses of the Faculty of Pharmacy of Grenoble.

Today, the Faculty of Pharmacy has initiated and implemented an important number of international agreements and we would like to develop them further..

The faculty offers foreign students from partner universities to follow one or two semesters of courses in the fields of pharmacy or biotechnologies (3rd, 4th year) and / or a hospital internship (5th, 6th year), research (3rd, 4th, 5th year) in French language.



21 research teams welcome international students. These teams are attached to national research organizations such as INSERM, CEA and CNRS or work in collaboration with the Grenoble University Hospital Center.



***Courses in  
pharmacy***

*Undergraduate to graduate  
(FR)*

*Pages 2-3*

***Courses in  
biotechnology***

*Undergraduate (FR)*

*Page 4*

***Hospital  
Internship in  
Pharmacy***

*(CHU Grenoble) (FR)*

YEAR 2	autumn semester sept-dec	ects	reference	language
Apprentissage des techniques et gestes de base	Learning basic techniques and acts	3.5	MCPH3U02	french
Biodiversité et bioévolution des règnes animal et végétal	Biodiversity and bioevolution of the animal and plant reigns	3.5	MCPH3U04	french
Voie d'accès aux substances médicamenteuses	Route of Access to Drug Substances	3.5	MCPH3U05	french
Sciences analytiques - partie 1	Analytical Sciences	2.5	MCPH3U06	french
Sciences biologiques - partie 1	Biological Sciences	9	MCPH3U07	french
Cycle de vie du médicament et des dispositifs médicaux	Drug and medical devices life cycle and pharmaceutical system	2	MCPH3U08	french
Formulation, fabrication et aspects biopharmaceutiques des médicaments – partie 1	Formulation, manufacture and biopharmaceutical aspects of medicinal products - part 1	3	MCPH3U09	french
Bases physicochimiques pour l'analyse et le contrôle du médicament	Physicochemical bases for the analysis and control of medicinal products	3	MCPH3C01	french
Santé environnementale	Environmental Health	3	MCXAU001	french
YEAR 2	spring semester jan-june	ects	reference	language
Communication en santé	Health communication	2	MCPH4U12	french
Voie d'accès aux substances actives médicamenteuses - partie 2	Route of Access to Drug Substances - part 2	3.5	MCPH4U03	french
Sciences biologiques - partie 2	Biological Sciences - part 2	5	MCPH4U04	french
Sciences analytiques - partie 2	Analytical Sciences - Part 2	3.5	MCPH4U05	french
Sciences pharmacologiques	Pharmacological Sciences	4	MCPH4U06	french
Formulation, fabrication et aspects biopharmaceutiques des médicaments – partie 2	Formulation, manufacture and biopharmaceutical aspects of medicinal products - part 2	3	MCPH4U07	french
Qualité des produits de santé	Quality of health products	1.5	MCPH4U08	french
Immunologie	Immunology	2	MCPH4U09	french
Obtention de médicaments par synthèse organique	Drugs organic synthesis	3	MCPH4C01	french
Maladies infectieuses : environnement et épidémiologie	Infectious disease, epidemilogy	3	MCPH4C02	french
Plantes et champignons médicinaux et toxiques	Medicinal and toxic plants and fungi	3	MCXBU001	french
YEAR 3	autumn semester sept-dec	ects	reference	language
Bases de la conception des substances actives d'origine naturelle	Basis for the design of active substances of natural origin	1.5	MCPH5U01	french
Hématologie	Hematology	3	MCPH5U02	french
Troubles respiratoires	Respiratory disorders	3	MCPH5U04	french
Pathologies infectieuses	Infectious diseases	3	MCPH5U05	french
Endocrinologie	Endocrinology	3	MCPH5U06	french
Méthodes en pratique pharmaceutique - partie 1	Methods in pharmaceutical practice - part 1	2	MCPH5U07	french
Biopharmacie	Biopharmaceuticals	3.5	MCPH5U09	french
Contrôle Qualité	Quality control	3.5	MCPH5U10	french
Rédaction et critique d'article	Writing and article reviews	0.5	MCPH5U11	french
Notions approfondies de pharmacologie	In-depth knowledge of pharmacology	3	MCPH5C03	french
Pharmacognosie	Pharmacognosy	1.5	MCPH5U12	french
Action humanitaire et inégalité en santé	Humanitarian action and health inequality	3	MCPH5C06	french
				french
YEAR 3	spring semester jan-june	ects	reference	language
Technologies de médicaments biologiques	Biological Drug Technologies	4	MCPH6U01	french
Diabétologie	Diabetology	2.5	MCPH6U02	french
Prise en charge des maladies infectieuses	Management of infectious diseases	6	MCPH6U03	french
Système nerveux et addictologie	Nervous System and Addictology	4.5	MCPH6U04	french
Troubles digestifs et hépatiques	Digestive and Hepatic Disorders	2.5	MCPH6U05	french
Douleurs, antalgiques, anti-inflammatoires	Pain, analgesics, anti-inflammatory drugs	3	MCPH6U06	french
Méthodes en pratique pharmaceutique - partie 2	Methods in pharmaceutical practice - part 2	2.5	MCPH6U07	french
Santé connectée	Connected Health	2	MCPH6U08	french
Pharmacologie expérimentale	Experimental Pharmacology	3	MCPH6C03	french
Adaptation et physiologie des agents pathogènes	Adaptation and physiology of pathogenic agents	3	MCPH6C04	french
Physiologie adaptative	Adaptive Physiology	3	MCPH6C05	french
Addictologie	Addictology	3	MAXOADD1	french

<b>YEAR 4</b>	<b>autumn semester sept-dec</b>	<b>ects</b>	<b>reference</b>	<b>language</b>
Cancérologie, onco-hématologie, anticancéreux	Cancerology, oncohematology	6	MCPH7U01	french
Système nerveux 2	Nervous System - part 2	2	MCPH7U02	french
Immunopathologie	Immunopathology	2	MCPH7U03	french
Cardiologie, néphrologie	Cardiology, nephrology	6	MCPH7U04	french
Education thérapeutique	Therapeutic Education	2	MCPH7U05	french
Toxicologie Clinique	Clinical Toxicology	4	MCPH7U06	french
Organisation Gestion	Organization Management	2	MCPH7U07	french
Economie en santé	Health Economy	3	MCPH7U08	french
<b>YEAR 4</b>	<b>spring semester jan-june</b>	<b>ects</b>	<b>reference</b>	<b>language</b>
Santé publique	Public Health	3	MCPH8U01	french
Vaccins	Vaccines	2	MCPH8U14	french
Dispensation médicamenteuse et autres produits de santé : gestion des interactions médicamenteuses et effets indésirables	Drug Dispensing and Other Health Products: Managing Drug Interactions and Adverse Reactions	2	MCPH8U04	french
Activités spécialisées à l'officine : Dermatologie	Specialized activities at the pharmacy: Dermatology	2	MCPH8U05	french
Activités spécialisées à l'officine : Gestion des risques à l'officine	Specialised activities in the pharmacy: Risk management in the pharmacy	1	MCPH8U06	french
Soins pharmaceutiques : Formulation et conseils à l'officine	Pharmaceutical care: Formulation and advice at the pharmacy	1	MCPH8U08	french
Statistiques	Statistics	2	MCPH8U10	french
Drug design en recherche et développement du médicament	Drug design in drug research and development	2	MCPH8U11	french
Enregistrement des médicaments & Maîtrise des risques et de la qualité	Drug registration & Risk and quality control	2	MCPH8U12	french
Obtention d'un principe actif biotechnologique	Obtaining a biotechnological active ingredient	3	MCPH8C01	french
Formulation	Formulation	3	MCPH8C04	french
Obtention d'un principe actif chimique	Obtaining a chemical active ingredient	3	MCPH8C02	french
Contrôle analytique du médicament	Analytical control of the medicinal product	3	MCPH8C03	french
Biologie et Pharmacie clinique	Biology and Clinical Pharmacy	12	MCPH8U20	french
Méthodologie en recherche clinique	Clinical Research Methodology	6	MAWB0008	french
<b>YEAR 5</b>	<b>autumn and spring semester sept-june</b>	<b>ects</b>	<b>reference</b>	<b>language</b>
Suivi Pharmaceutique et biologie des patients - partie 1	Pharmaceutical monitoring and patient biology - part 1	3	MCPH9U02	french
Préparation aux fonctions hospitalières	Preparation for hospital duties	3	MCPH9U03	french
Prise en charge du patient à l'officine partie 1	Patient care in the pharmacy - part 1	8	MCPH9U05	french
Comestibilité et toxicité des champignons	Compatibility and toxicity of fungi	2	MCPH9U06	french
Suivi Pharmaceutique et biologie des patients - partie 2	Pharmaceutical monitoring and patient biology - part 2	3	MCPHXU02	french
Droit commercial	Commercial law	2	MCPHXU03	french
Comptabilité, gestion à l'officine	Accounting, pharmacy management	2	MCPHXU04	french
Prise en charge du patient à l'officine - partie 2	Patient care in the pharmacy - part 1	8	MCPHXU05	french
économie du médicament et autres produits de santé	Drug and other health products economics	7	MCPHXU10	french
Distribution des produits de santé	Distribution of Health Products	8	MCPHXU12	french
Stage hospitalier	Hospital internship	12	MCPHXU01	french

YEAR 1				
not accessible to exchange students				
YEAR 2				
autumn semester sept-dec		ects	reference	language
Introduction aux biotechnologies	Introduction to Biotechnologies	3	BTS 301	french
Biotechnologie, épigénétique et génétique moléculaire	Engineering Sciences 1	3	BTS302	french
Chimie Organique Générale	The cell and its environment: general cellular biology	6	BTS303	french
La cellule et son environnement : Biologie Cellulaire générale	Immunology: molecules and associated cell functions	3	BTS304	french
Bases de l'immunologie	Biotechnology, epigenetics and molecular genetics	3	BTS305	french
Thermodynamique et Cinétiques Chimiques	Thermodynamics and Chemical Kinetics	6	CHI305	french
Sciences de l'ingénieur 1	General Organic Chemistry	3	BTS307	french
YEAR 2				
spring semester jan-june		ects	reference	language
Interface Chimie – Biologie	Engineering Sciences 2	3	BTS401	french
Physiologie et intégration des fonctions biologiques	Interface chemistry - biology	3	BTS402	french
Biotechnologies autour de la pathologie	Instrumentation and Organic Chemistry	3	BTS403	french
Expérimentation avancée en Biotechnologies Santé	Issues and molecular Bases in Health	6	BTS404	french
Instrumentation et chimie organique	Physiology and integration of important biological functions	3	BTS405	french
Connaissance de l'entreprise	Biotechnologies for pathologies	3	BTS406	french
Sciences de l'ingénieur 2	Advanced Experimentation in Health Biotechnologies	3	BTS407	french
Enjeux et bases moléculaires en santé	Micro-economic perspectives: Knowledge on entrepreneurship	3	BTS408	french
YEAR 3				
autumn semester sept-dec		ects	reference	language
Sciences de l'ingénieur 3	Engineering Sciences 3	3	NNSPI351	french
Microbiologie et applications	Microbial biotechnology	6	NNBIO351	french
Pharmacologie générale et Biomédicaments	General pharmacology and biodrugs	3	NNPHA351	french
Biomathématiques - Statistiques 1	Biomathematics-Statistics 1	3	NNBIO352	french
Méthodes d'analyse	Biotechnologies and cancer	6	NNBIO354	french
Biotechnologies autour de la pathologie cancéreuse	Analytical methods	3	NNBIO355	french
Chimie Organique : de la réactivité à la synthèse des biomolécules	Organic chemistry: from reactivity to synthesis of biomolecules	3	NNCHI351	french
YEAR 3				
spring semester jan-june		ects	reference	language
Sciences de l'ingénieur 4	Engineering Sciences 4	3	NNSPI361	french
Ethique et sécurité des biotechnologies	Ethics and safety of biotechnologies	6	NNBIO361	french
Biotechnologie et Ingénierie Diagnostique	Biotechnology and Diagnostic Engineering	3	NNBIO362	french
Biomathématiques - Statistiques 2	Statistical Biomathematics 2	3	NNBIO363	french
Expérimentation avancée en Biotechnologies	Advanced Experimentation in Biotech	6	NNBIO364	french
Biotechnologie et production de molécules d'intérêt	Biotechnology and production of molecules of interest	3	NNBIO366	french
Stage en milieu professionnel	Internship	3	NNOPR361	french/english

## Contacts - Faculty of Pharmacy

Domaine de la Merci

38700 La Tronche

Email : [health-outgoing@univ-grenoble-alpes.fr](mailto:health-outgoing@univ-grenoble-alpes.fr)

### Useful Links

<http://www.univ-grenoble-alpes.fr/en/>

<https://secteur-sante.univ-grenoble-alpes.fr/ufr-pharmacie>

### Presentation video of UGA

<https://www.youtube.com/watch?v=u8z1gaoGKcs>