



UNIVERSITÉ SAVOIE MONT BLANC



La Région
Auvergne-Rhône-Alpes



**CONSEIL
SAVOIE
MONT
BLANC**



FONDATION
UNIVERSITÉ SAVOIE
MONT BLANC



www.univ-smb.fr

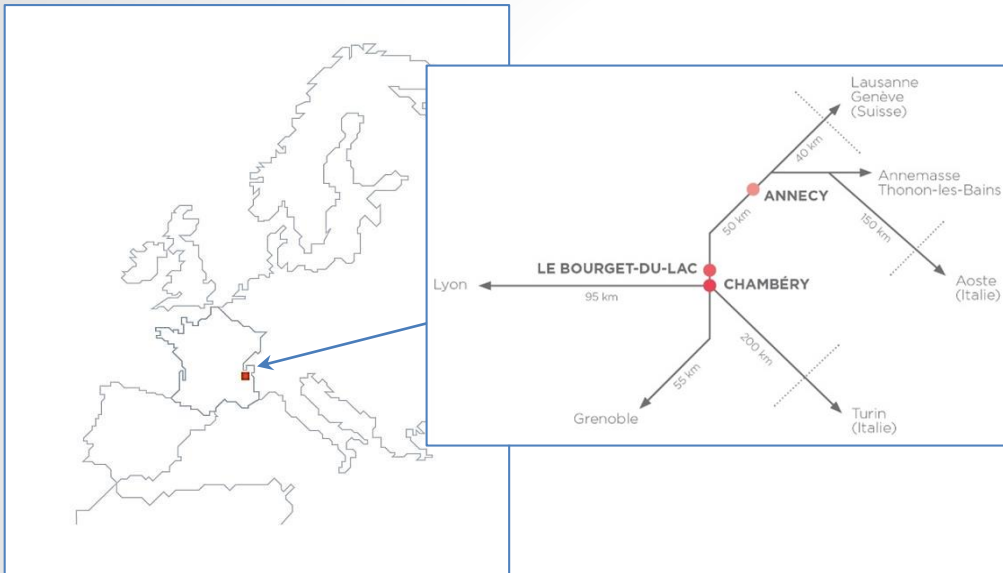


ITS HISTORY

- 1405** Creation of the University of Savoie (Turin)
- End XVIIth** Education courses in Chambéry
- 1892** Building at rue Marcoz in Chambéry
- 1979** 2,800 students – 130 teaching staff
Annecy – Chambéry (présidence) –
Jacob-Bellecombette
- 1986** 3rd campus au Bourget-du-Lac
- 2018** 719 teaching and research staff
564 administrative staff
7 faculties et 2 departments
19 research laboratories
1 University Foundation
Associate member of University of Grenoble-Alpes
- 2019** 14,510 students et more than 300 doctoral students*



ITS LOCATION



- Located in 2 French administrative « départements »:
 - Savoie (73)
 - Haute-Savoie (74)
- 3 university campuses: :
 - Annecy (74)
 - Chambéry/Jacob-Bellecombette (73)
 - Le Bourget-du-Lac (73)

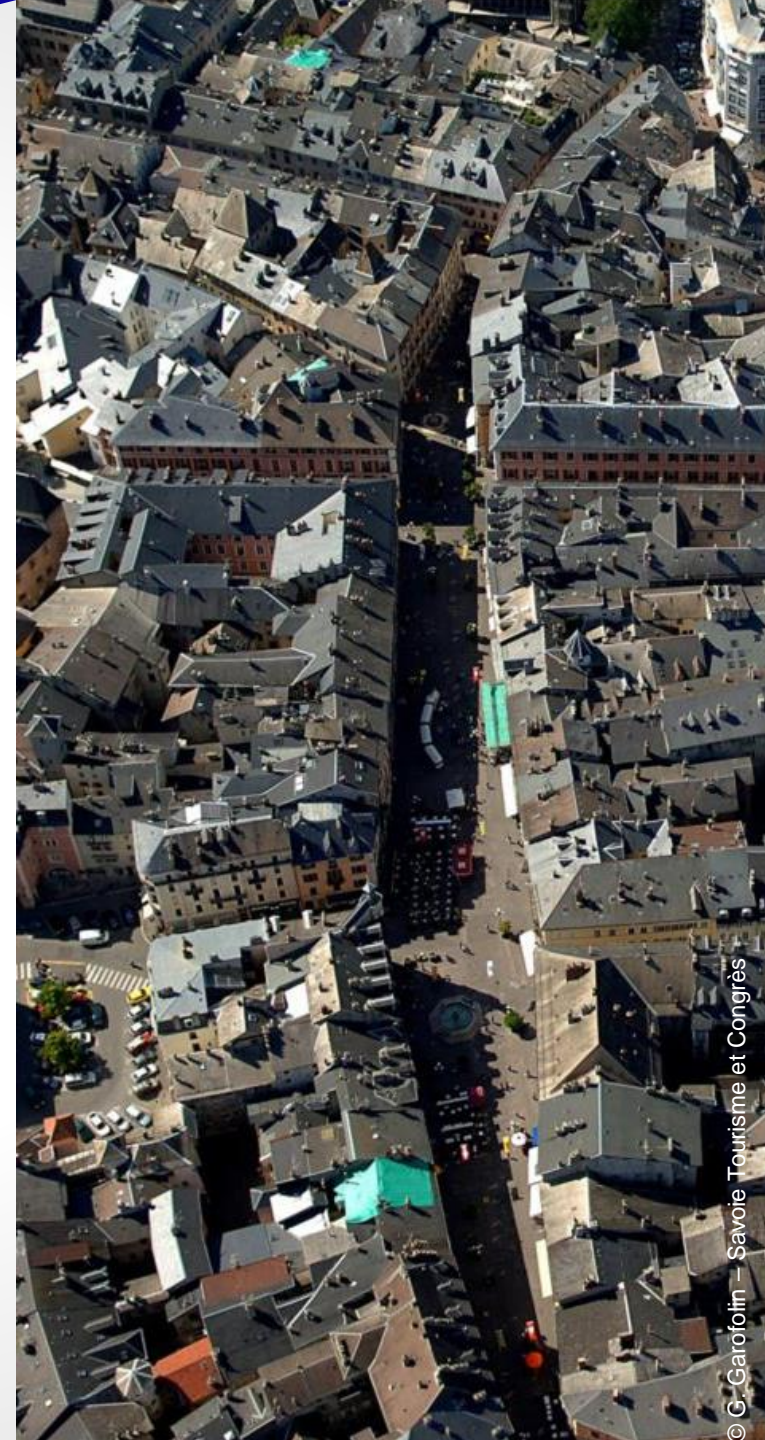


THE « SAVOIE MONT BLANC TERRITORY »: SUSTAINED GROWTH

The 'Savoie Mont Blanc territory' appears as a space with:

- steady growth of population and a strong presence of the « creative classes »
- steady growth of the economy with the existence of an innovative eco-system founded on a strong business-research-training partnership

The Savoy metropolis is located beyond the border: **it is Geneva**



THE UNIVERSITY'S MISSION

- To develop and democratize a public service of higher education and research throughout its territory
- To participate fully in scientific, intellectual, economic, social and cultural development
- To play a full part in the university ecosystem at both the regional, national and international level
- To contribute to both the personal as well as the professional development of its studentset



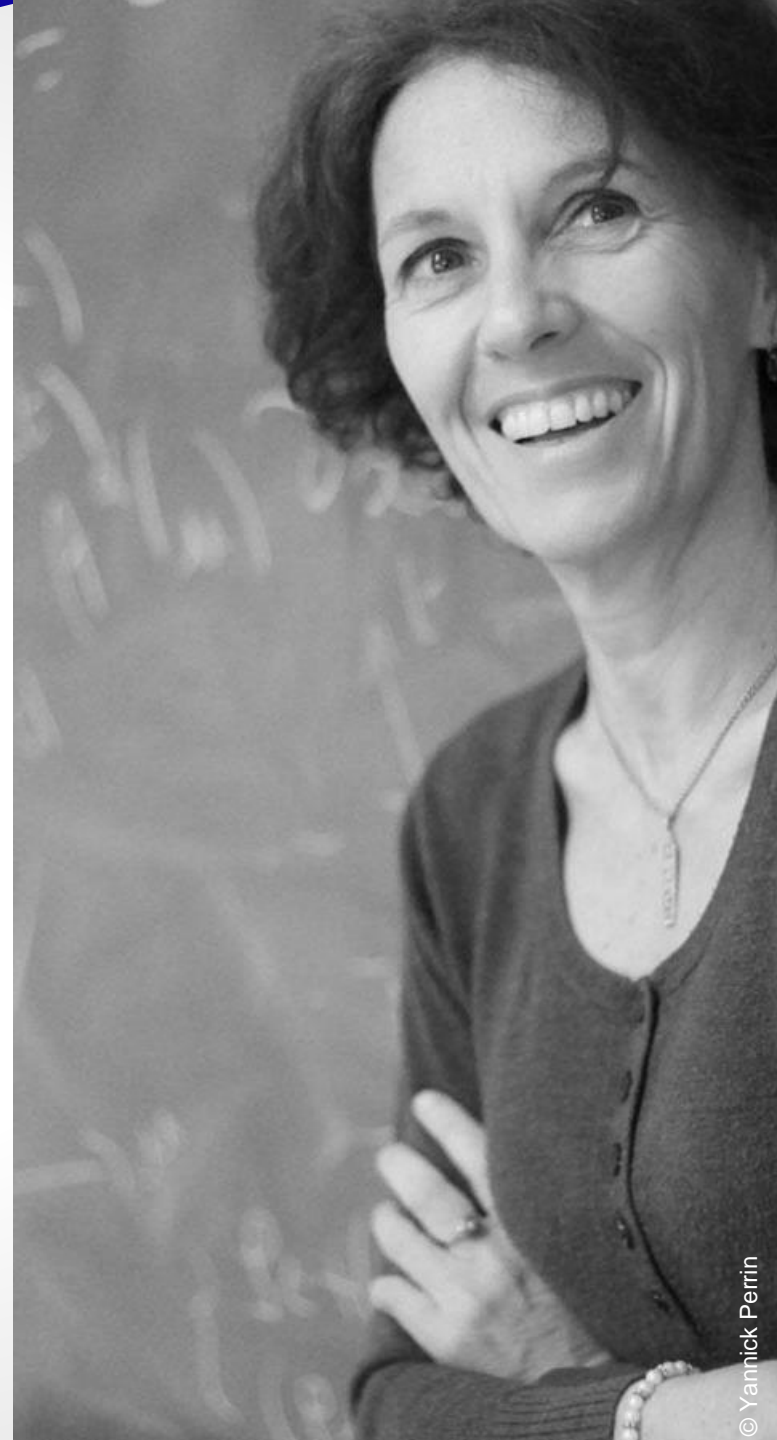
USMB: A STRONG ACADEMIC PLAN

Founded on the conviction that :

- **Size counts less than quality**
- **Human contact is more important than administrative structure**

Illustrated by our 'open to the outside world' vision:

- . Pursuing research in the Pont d'Arc Caverns (Grotte Chauvet) and in **several regional research federations**,
- . Our special links with **cross-border institutions**,
- . Our outgoing **ERASMUS** exchange students, unequalled elsewhere in France,
- . Our participation in **the Auvergne Rhône-Alpes Universities Regional Alliance (AURA)**



USMB: A STRATEGIC POSITION LOOKING TOWARDS THE FUTURE

The maintenance of a **fully-fledged university**,
Anxious to uphold the humanist values at the heart of
higher education and to make choices which differentiate
it from elsewhere.

Retaining close links with **other Higher Education and
Research establishments** in the Grenoble Academy.

Reinforcement of relations with **Swiss and Italian
Universities**, as well as with other **carefully selected
institutions** further away (Russia, China, Canada, the
UNESCO Chair of Water Resources and the Senghor
Chair of the Francophone world).



A PLURIDICIPLINARY TRAINING PROGRAMS IN FOUR MAIN FIELDS

Arts, Languages and Literatures

**Law, Economics and Business
Studies**

Human and Social Sciences

Sciences and Technologies



TRAINING: MANY PLURI-DISCIPLINARY POSSIBILITIES

Purchasing Automation Banking Building Chemistry Commerce Communication

Sustainable
Development

Law

Economics

Electronics

Energy

Teaching

Publicity

Environment

Finance

Geography

Management

GRH

History

Hotel
Management

Informatics

Instrumentation

Langues

Lettres

Logistique

Industrial Logistics

Management

Marketing

Materials

Mathematics

Mechanics

Multimedia

Physics

Industrial
automation

Psychology

Quality
Control

Networks and
télécommunications

Applied Mountain Studies

Earth Sciences

Life Sciences

Sciences and techniques of physical and sporting activities

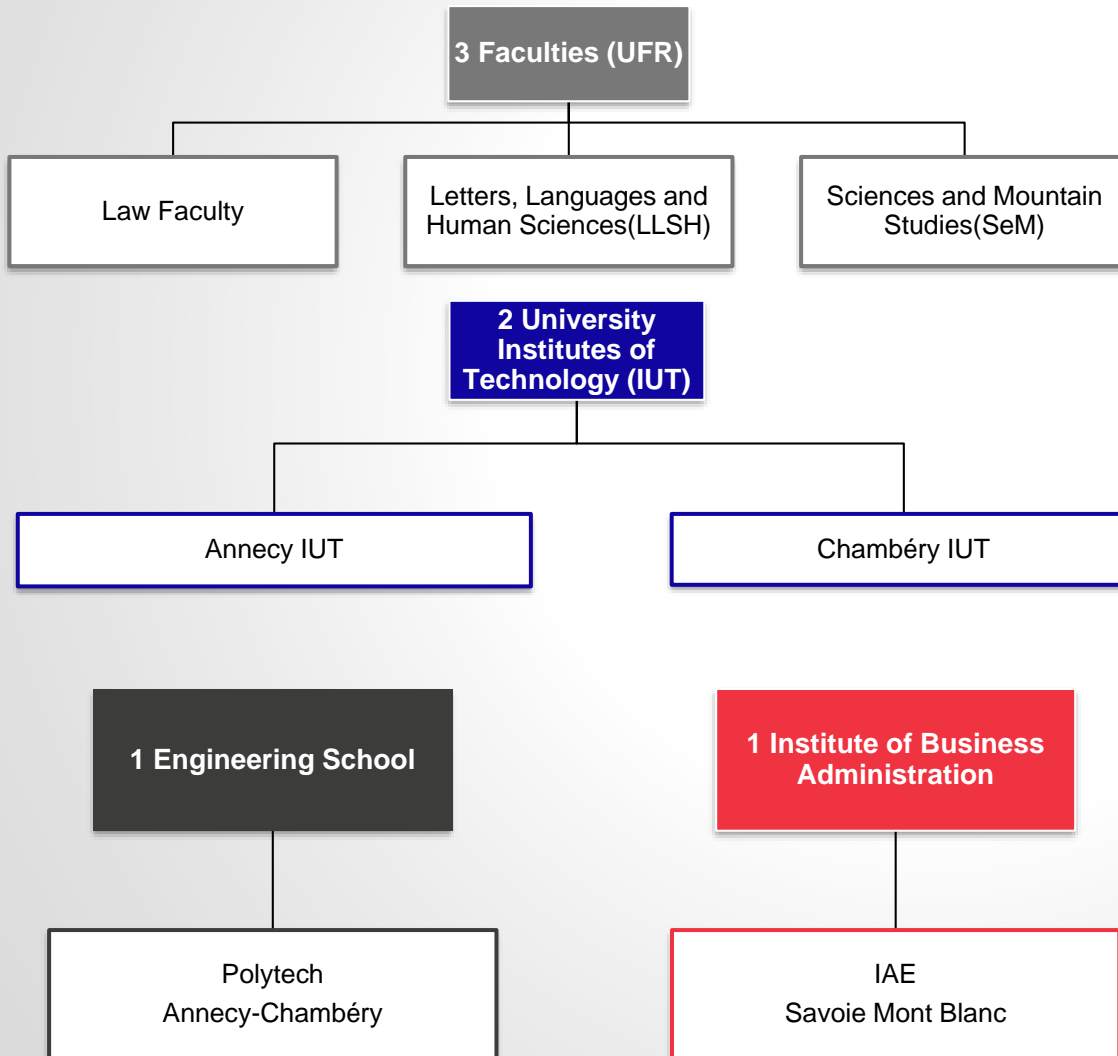
Sciences and Technologies of Information and Communication

Information Systems

Sociology

Tourism

EDUCATIONAL PROGRAMS : 7 TRAINING STRUCTURES



COURSES OFFERED: DEGREES

BAC+8

Doctorate

BAC+5

Master's

Master's
In Engineering

Master's in
Teaching

Engineering
Degree

BAC+3

Bachelor

Professional
Bachelor

BAC+2

University Diploma in Technology (DUT)

BAC

Diploma for Access to University Studies

Other Degrees

Degrees in Research and Innovation

Preparation for competitive examinations

University Degrees

Courses for certification

Preparatory
Course for degree
in engineering
(PEIP)

KEY FIGURES ON COURSES OFFERED

20 DUT

(diplomas in Technology)

20 Bachelors

34 Professional Bachelors

26 subjects
for the Master's
degree

3 Master's
Courses in
Engineering

5 Engineering
degrees

3 mentions de master
enseignement (MEEF)

1 preparatory course
For entry to
Engineering
Polytech

39 subject areas for doctoral studies



80 alternating work/study programs

+1,400 students on work/study programs



TRAINING: 2 DEPARTMENTS

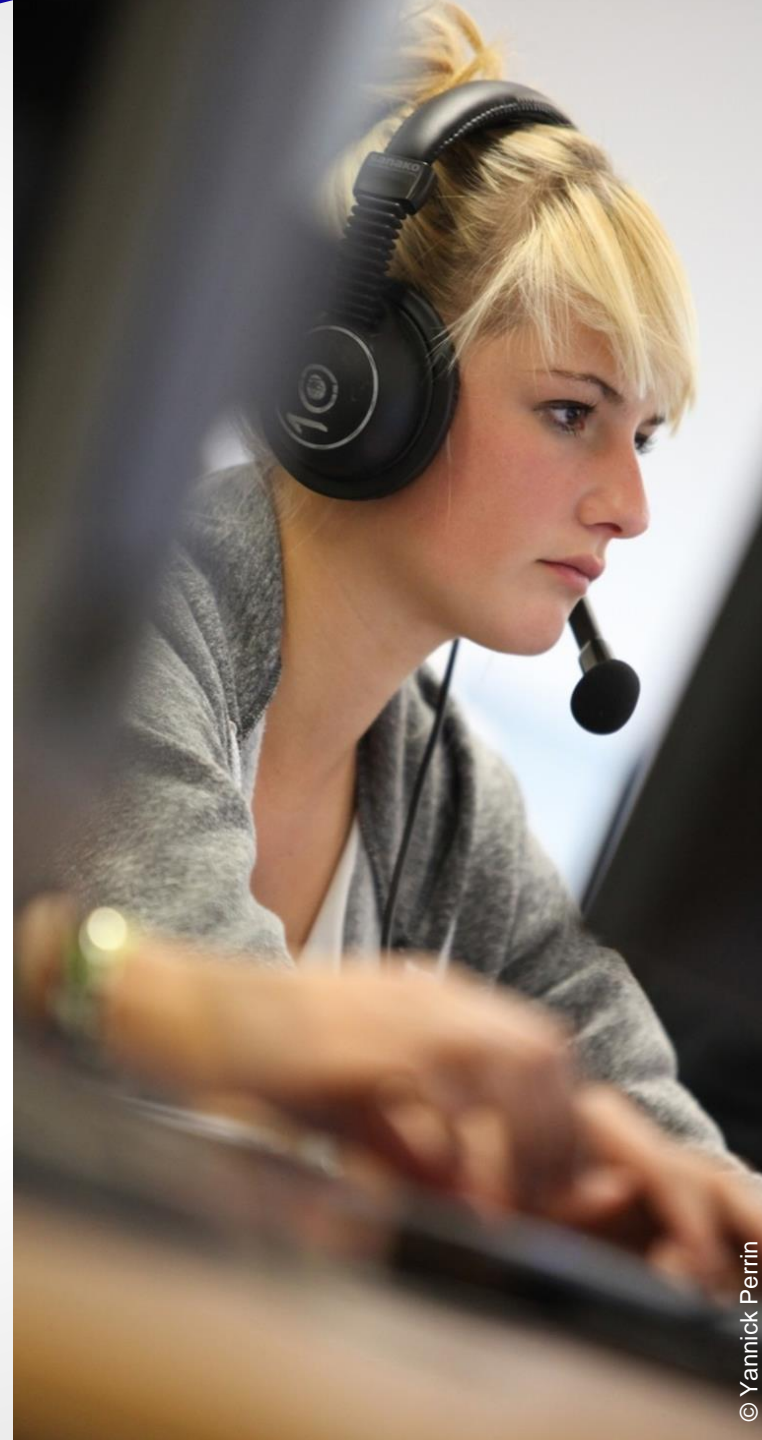
CNFEDS

National Teacher Training Centre for
Students with Sensorial Deficiencies

APPRENDRE

Centre for Staff and Student Support and the
Promotion of Improvements in Teaching and
Learning Techniques

TOURIST CENTER OF EXCELLENCE "INVENTIVE MOUNTAIN"



STUDENTS WITH SPECIFIC NEEDS

Welcome for students with disabilities

A personalized welcome

Special arrangements for studying and for
examinations

Facilitating access to participation in a full student life

A social accompaniment



A WELCOME FOR STUDENTS WITH HIGH-LEVEL SPORTS OR ARTISTIC ACHIEVEMENT

- Special arrangements are made for 'sportétudes' and 'musique études':
 - The 'DUT' in 3 years instead of 2
 - The 'Licence pro' in 2 years instead of 1
 - A special charter for high-level sports competitors

+ 400 athletes trained each year including 250 students in 'sport-études'
150 students in 'musique-études'



TRAINING FOR THE TEACHING PROFESSIONS

Training carried out by the 'ESPE'



3 Master's degree for the teaching and training professions (MEEF) with many career paths

Preparation for the competitive entrance exams for primary and secondary education

'CAP' Physical and Sports Education, CAPES, CAPLP



DOCTORAL TRAINING AT USMB

USMB Doctoral College

and 10 doctoral schools:

USMB SISEO Doctoral School

CSV, EEATS, IMEP-2, ISCE, LLSH, MSTIC,
Physics, SHPT, TUE
co-accredited between UGA and USMB



ENTREPRENEURIAL SKILLS

- A special entrepreneurial course is available to all students
- Special modules in entrepreneurial awareness are available to all students
- A Student Entrepreneurs Diploma
- The support of partner organizations at the interface of students and the business world: the Entreprise Club, Savoie Technolac, the OZER pole...



WORK-STUDY ARRANGEMENTS

A special unit to develop work-study arrangements

+70 work-study training programs

1 469 students participating in work-study programs*

Access to different work-study diplomas

DUT

Bachelors and
Profesional
bachelors

Master's

Engineering
Degree

University
Degrees

Preparatory
Course



LIFE-LONG TRAINING

IN-SERVICE TRAINING

All degrees are accessible through in-service training

Training programs part-time for working people

VAE

Validation of Previous Experience for Course Credit

VAE applicable to all degree programs

Possibility of obtaining a degree through validation of a student's experience

VAPP

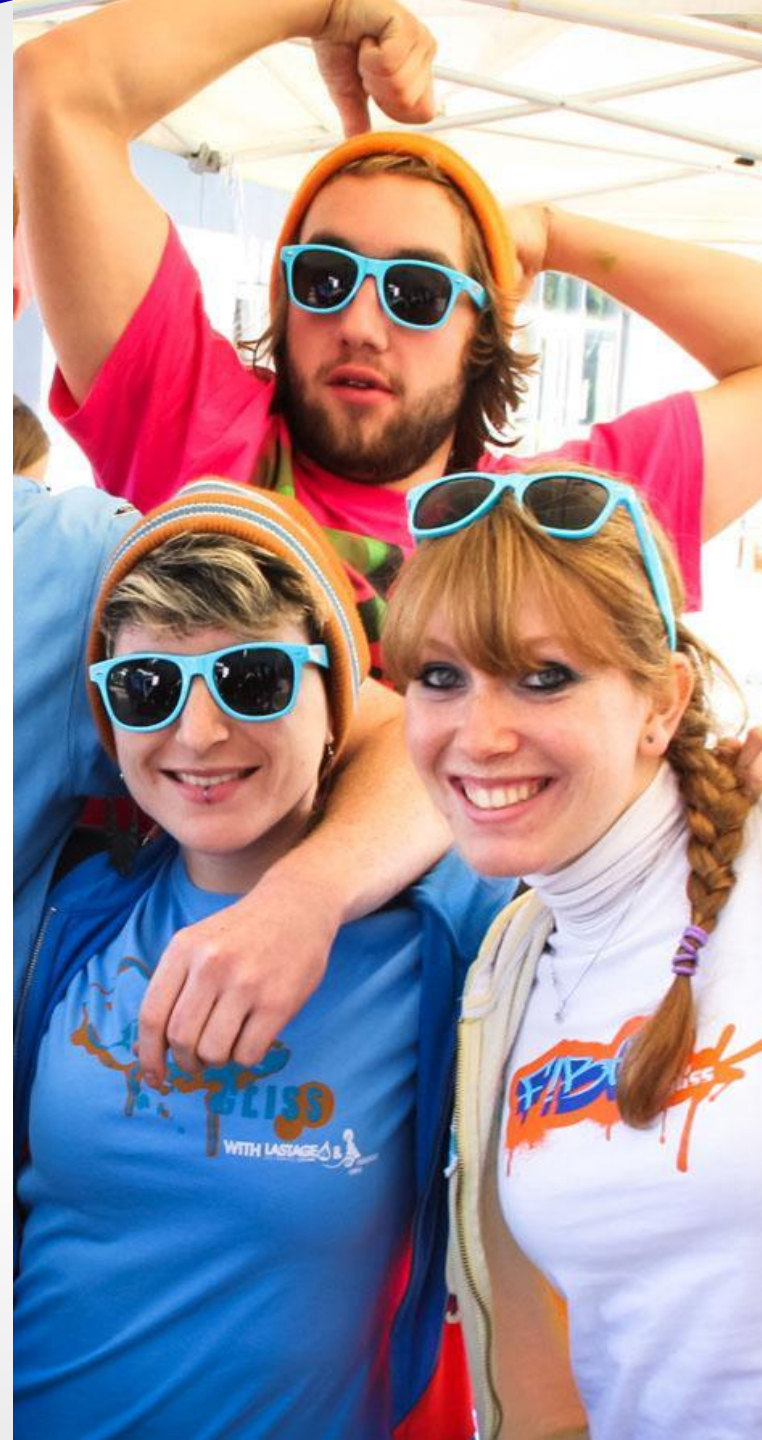
Validation of personal and professional achievements and experience

The possibility of registering for a course program without the prerequisite diploma

UNIVERSITY LIFE

There are **50 students associations** on the 3 sites

For university staff, there is the **Socio-Cultural Association of the USMB (ASCUS)**



RESEARCH ACTIVITIES, 3 MAJOR SCIENTIFIC ISSUES

SOCIETAL AND TERRITORIAL TRANSITIONS

Campus of Jacob-Bellecombette

ENVIRONMENTAL AND ENERGY TRANSITIONS

Campus of Bourget-du-Lac

ENTREPRENEURIAL AND DIGITAL TRANSITIONS AND PHYSICS

Campus of Annecy



SOCIETAL AND TERRITORIAL TRANSITIONS

CENTRE FAVRE

Law Research Centre Antoine Favre

IREGE

Management, Business and Economics Research
Institute

LIP-PC2S

Inter-university Laboratory of Psychology –
Personality Cognition and Social Change

LLSETI

Languages, Literatures, Societies: Cross-border
and international studies

LPNC

Laboratory of Physiology and Neurocognition

ENVIRONMENTAL AND ENERGY TRANSITIONS

CARTEL

Alpine Research Centre for Trophic Systems and
Ecosystems of Lakes

EDYTEM

Mountain Studies Laboratory (environment,
dynamics, and territories)

ISTerre

Earth Sciences Institute

LCME

Laboratory of Molecular Chemistry and the
Environment

LECA

Laboratory of Alpine Ecology

LEPMI

Laboratory of Electrochemistry and
Physicochemistry of Materials and Interfaces

LIBM

Interuniversity Laboratory of Biology
of the Motricity

LOCIE

Laboratory of Optimization of the Conception and
Engineering of the Environment

RESEARCH: 19 LABORATORIES

ENTREPRENEURIAL AND DIGITAL TRANSITIONS

IMEP-LAHC

Institute of Microelectronics, electromagnetism
and Photonics – Laboratory of hyper-frequencies
and of Characterization

LAMA

Mathematics Laboratory

LISTIC

Laboratory of Computer Sciences, Systems,
Information and Knowledge Processing

SYMME

Systems and Materials for Mechatronics

PHYSICS

LAPP

Annecy Laboratory for Particle Physics

LAPTh

Annecy-le-Vieux Laboratory for Theoretical
Physics

RESEARCH: ASSOCIATED RESEARCH ORGANIZATIONS



And close collaboration with:
CEA, CERN, INES,...



RESEARCH: INVESTING IN THE FUTURE

PARTNERSHIP with IDEX of University Grenoble Alpes

PARTICIPATIONS IN LABEX

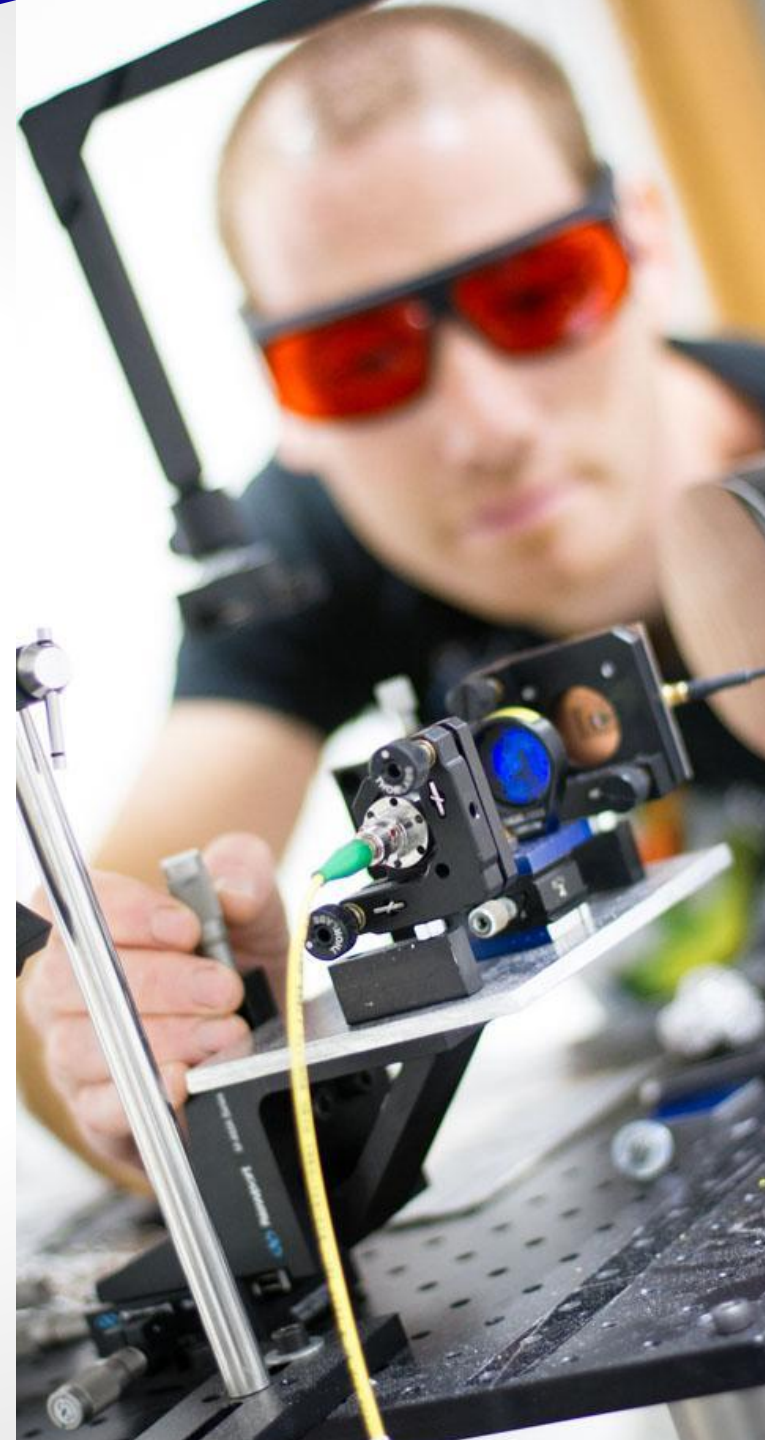
- **CEMAM** (Centre of Excellence for Architected Multifunctional Materials)
- **ENIGMASS** (Enigma of Mass)
- **FOCUS**
- **ITEM** (Innovation et Territoire de Montagne)
- **OSUG@2020**
- **PERSYVAL**

**UNIVERSITY RESEARCH SCHOOL HOLDER (EUR):
Solar Academy**

PARTICIPATION IN A 'IEED' (Institute of excellence in the matter of decarbonized energies) in association with the CEA (Atomic Energy Commission)

PARTICIPATION IN THREE 'IDEFI' (Initiatives of excellence in innovative training programs)

- **AVOSTTI**
- **PROMISING**
- **ReFlexPro (portage)**



RESEARCH: RESEARCH PLATFORMS AT USMB OR IN PARTNERSHIPS

Research, Experimentation and Expertise Platform in
Psychology

ASTRE platform

MUST platform

Publishing Department

Investigation Center



RESEARCH: FEDERATIONS IN WHICH USMB LABORATORIES PARTICIPATE

Federation FREE-Alpes: Federation of Research in Ecology and Environment

Federation FRESBE – Energy efficiency of buildings

Federation FRMRAA: Research in Mathematics Rhône-Alpes-Auvergne

Federation CPTGA: Theoretical Physics Center of Grenoble-Alpes

Federation VOR – Risk vulnerability of constructions



ASSOCIATED INTERNATIONAL LABORATORIES (LIA)

LIA franco-indien THEP - *Theoretical High Energy Physics*

LIA franco-russian ARTEMIR - multidisciplinary research on prehistoric Eurasian art

LIA franco-tawanais D3E - Deep Earth to Extreme Events

LIA franco-chinese LES - Laboratory for Sustainable Energy

LIA french-moroccan-swedish ILCP - International Laboratory for Collider Physics



RESEARCH AND OFF-SCHOOL DEVELOPMENTS

1 500 to 1 600 annual publications*

45 defense of a thesis/year**

7 defense of HDR (Habilitation to Direct Research) **

Current research projects:**

30 international projects

34 projects funded by ANR

6 projects funded by ADEME

1 project of FUI

11 projects of Région AURA (Pack Ambition Recherche, IRICE, Fond Régional Innovation...)

45 patent families pending**

170 partnership contracts signed**

* Observing Science and Technology Observatory (OST) in 2019

** Year 2019



THE INTERNATIONAL DIMENSION AT UMSB*

379 non-French partner
universities

25 double and
multi-degrees

5 semestres
internationaux en
anglais

In **57** countries

More than **100** nationalities

845 outgoing
students

1,512 foreign
incoming students

612 in
studies

233 on
placements
**

350 via
exchange
programs

1,162
freemoovers

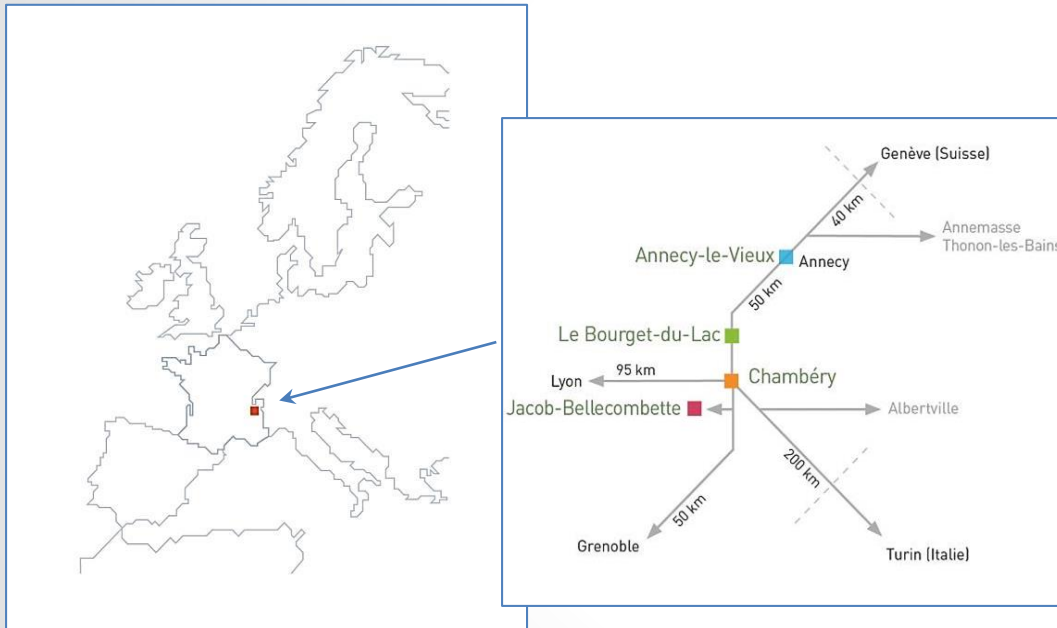
* Academic university 2016-2017

** Only students benefiting from an Erasmus + or Auvergne-Rhône-Alpes scholarship. The total number of students doing an internship abroad is nearly 500 students / year.



OUR INTERNATIONAL OUTLOOK

An exceptional situation at the heart of Europe
= A GATEWAY TO THE WORLD



- **15,000** students of whom more than **12 %** international students representing more than 100 nationalities
- **Top French University** since 2008 for ERASMUS exchanges
- **An exceptional environment**, surrounded by lakes and mountains, and close to Lyon, Grenoble, Turin and Geneva



INTERNATIONAL POLICY

DÉVELOPPEMENT DE LA COOPÉRATION INTERNATIONALE



The development of cross-border relations with Switzerland and Italy

The development of the French-speaking world

Network development: summer schools and double degrees

INTERNATIONALIZATION « *AT HOME* »

International semesters and diplomas in English

Welcoming international student

DEVELOPMENT OF INTERNATIONAL STUDENT MOBILITY AND USMB STAFF



RELATIONS WITH ECONOMIC ACTORS



17 founders & patrons *



**2 Management Board/year
6 Offices/year**

2 strategic axes



**19 supported projects*
2 chairs*
1 Hub Innov/year**

RELATIONS WITH KEY ECONOMIC PLAYERS



100 company & institutional members

7,000 student members

2,000 offers of placements/internships

1,730 professionals involved in USMB training

**Over 25,000 qualified contacts
with 1,000 USMB partner companies**



COMPANY-UNIVERSITY RELATIONS

www.club-entreprises.univ-smb.fr

Adhérents Entreprises



Institutional & Partner Members:



And a whole network of collaborators:



RESEARCH AND ECONOMIC PARTNERSHIPS

Networks of nurseries and incubators in the
agglomeration communities of Chambéry
and Annecy

Agency AURA
business

Partners in clusters and poles of competitiveness

Tenerdis (renewable
energies)

CIMES
(bar turning, mechatronics)

Sporaltec
(sports and leisure)

Mountain Cluster (adaptation
and development of mountain
environment)

Axelera (chemistry and the
environment)

Outdoor Sport Valley (OSV)
(industrie des sports
outdoor)

Imaginove
(digitized games)

Plastipolis (plasturgy)

THÉSAME



RESEARCH AND ECONOMIC PARTNERSHIPS

The Université Savoie Mont Blanc (USMB) is associated with the Grenoble Alpes Technology Transfer Acceleration Company:
SATT LINKSIUM as a founding member.

SATT shareholders:

- Université Savoie Mont Bln
- Université Grenoble Alpes
- Grenoble INP
- CEA
- CNRS
- INRIA



13 USMB research projects have benefited from SATT Linksium support since 2016 for an amount of € 2 million
1 startup created, 1 license transfer (2 startups in 2020)



PRESIDENT**VICE-PRESIDENTS**

Council of
Administration and
1st vice-président

Council of
Administration, Finance,
management, quality

Student

Education and
University Life

Training and
Orientation

VICE-PRÉSIDENTS

Research

Research
Partnerships

Valorization

International
relationships

Culture - Equality

Heritage and energy
transition

PROJECT LEADERS

Juridic assistance

Scientific
and technical
culture

Development of
French as a
foreign language
activity

Entrepreneurship

The
Francophone
world

Modern foreign
languages

Teaching
professions

DEPARTMENTAL MANAGEMENT AND SERVICES SUPPORT

**ACCOUNTS
OFFICE**

**Director-General
of Services**

Steering
Committee

Steering Aid
and Continuous
Improvement
Department

Direction of
communication

Direction of
studies and
student life

Direction of
Patrimoine

Direction of
Research
Development
and
Development

Direction of
human
resources

Direction of
international
relations

Direction of
information
systems

Service
legal affairs

Service general

Service
prevention and
security

SERVICES IN COMMON

University library service

Sports department

Continuing education service

Student health service



CULTURE FOR ALL

The dissemination of scientific culture

'Amphis pour tous'

Science Festival

Scientific Festivals, cafés and encounters

Culture for all: a cultural campaign

Partnerships with cultural figures in the region

Concerts and other live performances
On all campuses

Encounters with artists

Partnerships with Schools of Art

ESAAA

'École Supérieure' of Art of the Annecy conurbation

ENAAI

The teaching the Applied Arts and Imagery



THE SEXUAL EQUALITY MISSION

A women/men equality commission

Inquiry into present state concerning parity

The drawing up of a women / men equality
Charter

Identifying discriminations



A SUSTAINABLE UNIVERSITY FOR SUSTAINABLE DEVELOPMENT

Several training programs linked to sustainable development

6 research units directly involved

The construction of new buildings to low consumption norms

Sustainability of water usage, of green spaces, of waste disposal and of purchases

A reflection with the Caisse des Dépôts group on real estate assets



IN BRIEF

14,810* students and doctoral students

7 training structures

1,311** teaching and research staff and support personnel

1 department dedicated to innovative pedagogy:
APPRENDRE

1 Tourist pole of Excellence "Inventive Mountain"

1 National Teacher Training Centre for Students with Sensorial Deficiencies

19 Research Laboratories

3 major university sites covering the territory Savoie Mont Blanc
And several other training sites

1 Enterprise Club

1 University Fondation



SEVERAL RECOGNITIONS OF EXCELLENCE

9^e French university for student percentage graduating with Bachelor degree in 3 years*

Parmi les meilleures universités de la région
pour l'insertion professionnelle de ses diplômés

The National RUE PRIZE awarded in 2013 by the Annuaire des Entreprises de France to the Université de Savoie and its Enterprise Club**

1st French university
since 2008 for percentage of
outgoing Erasmus students

More than 200 medals
awarded to its students
in international sporting competitions

15th French establishment (out of 44)
in the *US News and World Report* 2019 international ranking

27rd French university (out of 95)
in the *Center for World University Rankings (CWUR)* 2019-2020

19th French establishment in the international University
Ranking by Academic Performance 2017

12th French university in the thematic ranking of Shanghai
by number of occurrences (2017)

