
Université Bourgogne Franche-Comté

Yevgenya PASHAYAN-LEROY, Head of the International Office, UBFC

Yves ARTUR, Professor in Biochemistry, UBFC

General overview

Université Bourgogne Franche-Comté (UBFC), ranked at the THE World University Rankings, is a French Higher Education and Research organization federating three public universities, three public engineer schools and one private business school in the Bourgogne - Franche-Comté (BFC) Region. The UBFC founding members are :

- University of Burgundy (uB),
- University of Franche-Comté (UFC),
- University of Technology of Belfort-Montbéliard (UTBM),
- National Engineering Institute in Mechanics and Microtechnologies (ENSMM),
- National Engineering Institute of Agronomic Sciences, Food and Environment (AgroSup Dijon),
- National Engineering School "Ecole Nationale Supérieure d'Arts et Métiers" (ENSAM)
- Burgundy School of Business (BSB).

Key figures

Nombre d'étudiants + étudiants étrangers : 60 000 students with 15% of the students being international Master and PhD students.

- 3000 master degrees/year;
- 1900 PhD students, about 370 PhD/year.

Nombre d'enseignants: 2066 faculty members.

Nombre d'écoles doctorales/unités de recherche: 63 laboratories and federal units of research: 23 UMR (Mixed Research Unit), 37 EA (Host Team), 2 MSH (House of Human Sciences), 1 OSU (Observatory of the Sciences of the Universe), 3 FR (Research Federation). UBFC implements 6 Doctoral Schools (<http://en.collegedoctoral.univ-bfc.fr>).

Nombre de programmes disponibles en anglais : The Université Bourgogne Franche-Comté offers 16 English-taught Master Degree programs : <http://www.ubfc.fr/masters/>

- Control for Green Mechatronics (GreeM)
- Physics, Photonics & Nanotechnology (PPN)
- Master program in Mathematical Physics (Math4Phys)
- Photonics, micronanotechnology, time-frequency metrology, and complex systems (PICS)
- Behavioural Ecology and Wildlife Management (BEWM)
- Ecology, Monitoring and Management of Ecosystems (EMME)
- Master Program in Internet of Things (IoT)
- Master Program in Physics and Computational Physics
- From lipoproteins to innovative therapies and pharmacy-imaging
- Transition Metals in Molecular Physics (TMMP)

- Data Analyst for Spatial and Environmental Economics (DASEE)
- Master Rare Books and Digital Humanities
- Projects in International and European Engineering (PIEE)
- Microbiology and Physicochemistry for Food and Wine Processes
- Physiological and Psychological FOOD choices Determinants (P2FOOD)

University strengths / key projects

UBFC has been awarded by the national French program “Projects for the Investment for the Future” and operates an “Initiative of Excellence” Project ISITE-BFC (Initiative-Science-Innovation-Territories-Economy, <http://i-site.ubfc.fr/en/>).

UBFC operates the Graduate School **EIPHI** “Engineering and Innovation through Physical Sciences, High-technologies, and cross-disciplinary Research” (<http://gradschool.eiphi.univ-bfc.fr>) offering 5 Master Programs in Physics, Mathematics and Applications; Smart Systems and Structures; Energy; Material Science; Computer Science.

UBFC has been awarded in the frame of the national call “New innovative programs at the university” to operate the project entitled “Succeed – Innovate – Transform - Mobilize in Bourgogne Franche-Comté (RITM-BFC). The project aims to foster and enhance undergraduate student success.

International strategy

- Developing a stimulating international environment attracting international talented students and international research staff and faculty
- Internationalisation of BFC research
- Fostering international strategic alliances both at research & training levels
- Increasing the rate of international PhD and Master students
- Promotion of outward mobility of students

Research

UBFC Priority Research Areas

Area 1 : Advanced Materials, Waves & Smart Systems : Advanced materials (e.g. 4D printing), smart systems and clean energy; quantum and brain inspired photonic computing; Programmable matter.

Area 2 : Territories, Environment, Food ; Socio-ecological and food transitions ; innovation in agriculture and agro-food industry ; soil & territory management strategies.

Area 3 : Comprehensive Individual Care ; Innovative care tools of inflammatory and chronic disease; Human performance sciences ; Integrative patient centred care approaches.

Entrepreneurship

- Since 2014, the Bourgogne - Franche-Comté site has been approved as "Student Poles for Innovation, Transfer and Entrepreneurship (PEPITE) », which is a national initiative. At present PEPITE project is operated by UBFC.
- Objectives of PEPITE program: to develop and to disseminate the entrepreneurial culture and expertise, to emerge innovative projects useful to the development of the territory, to facilitate job placement for young graduates.
- 4000 students educated during two years and 1000 trained.
- Diploma-based trainings dedicated to entrepreneurship and innovation on the whole BFC site, two university diplomas, one Professional Bachelor's degree and two Master degree diplomas.
- 4 student entrepreneurs in 2015, 16 new students in 2016, 51 in 2017.
- Creation of 26 enterprises starting from 2014.