

# TOMORROW'S SUCCESS...

... STARTS  
**TODAY**



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AMPHITHEATRE PITRES

AMPHITHEATRE SUD



# RESEARCH: NO BORDERS, NO LIMITS



**4,000**

lecturers/researchers

(University of Bordeaux and national research institutes: CNRS, INSERM, INRA, INRIA, CEA, IRSTEA, IFREMER, etc.)

+ **800** international researchers welcomed



**1,900**

PhD students

- > **8** doctoral schools
- > **465** theses defended a year (excl. Health)

+ **50**

scientific disciplines



**18**

international joint research laboratories

(with Canada, China, Germany, India, Israel, Ivory Coast, Japan, Mexico, Romania, Russia, South Korea)



**70**

research laboratories

70% certified by national research institutes



**230**

patent families filed



**150**

EU collaborative projects

(H2020 and FP7 programs)



**20**

national and international scientific prizes in 2014/2015



**8**

PhD Summer Schools

EXPLORE WITH  
CONVICTION,  
DISCOVER WITH  
EXPERIENCE,  
SHARE WITH  
PASSION...

Throughout history, the University of Bordeaux has always been pluridisciplinary in both heart and mind. The founding principle of cutting-edge research, as a basis for all our actions, confirms our position today as an international research university.



## CLUSTERS OF EXCELLENCE

Archeology

Environment  
climate

Medical  
Imaging

Cardiology

Advanced  
materials

Neuroscience

Lasers/optics

Digital  
certification

Health and  
society

Within the University of Bordeaux, research is carried out on all scientific disciplines, organized according to three main departments: sciences and technologies; human and social sciences; life and health sciences.

Our laboratories are at the forefront of scientific investigation, whether it concern neurosciences, innovation economy, materials chemistry, epidemiology, international law, IT, oceanography, etc.

Our research centers, renowned for their excellence, promote the international reputation of our university, thus generating multiple networking and collaboration opportunities.

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## IMAGINE THE MATERIALS OF THE FUTURE

*In the Materials Chemistry Department, the Cluster of Excellence, **AMADEus**, invents and produces the functional materials of the future with particular attention to the key social issues of energy, new technologies and health. Their latest discovery seems like something out of science fiction. The laboratory has devised the first three-dimensional acoustic metamaterials, endowed with electromagnetic properties that cannot be found in any homogenous natural material. They are capable of deviating and controlling waves, in particular sound and light, thereby opening up many possibilities and even reviving the dream of invisibility!*

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Research within the University of Bordeaux is based on innovation and creativity. These key elements are part of a dynamic process that involves different teams sharing their various fields of expertise for the benefit of major projects. Our professors and researchers, often leaders within their disciplines, collaborate independently with a wide range of stakeholders: scientific consortia, research bodies, universities around the world, industrial players, etc. One of the things they have in common? - they all share the same ambition for progress. This "melting pot" of knowledge favors important scientific developments and benefits from high-level scientific research facilities.

At the University of Bordeaux, the quality and relevance of our research is underlined by a number of indicators of excellence: publications in leading scientific journals, international prizes and awards, patenting, creation of start-ups, international rankings, etc.



A MOTIVATING,  
HIGH-  
PERFORMING  
ENVIRONMENT

re

In Bordeaux, research is all around, invigorating and regenerating our academic body. It is the force that drives us forward, ensuring that we constantly progress and excel."

Pierre Dos Santos, Vice-President - Research

A young woman with long dark hair and glasses is shown in profile, looking at a large digital display screen. She is wearing a red long-sleeved top. The background is a warm, reddish-brown color. The text is overlaid on the image.

# TALENTED MINDS:

## IN SYNC WITH A FAST- CHANGING WORLD

In response to rapidly changing technology and profound upheavals in society, tomorrow's citizens must be capable of adapting to an ever-evolving world.

By developing critical thinking, ingenuity, intellectual agility as well as the international mobility of our students, we help them to understand and think for themselves. By combining a variety of views, approaches and disciplines, we reinforce their desire to learn and appreciate the surrounding environment. All essential stages within the lifecycle of each and every student in order to find their place in the real world of tomorrow...



AN OPEN  
MIND,  
A PROMISING  
FUTURE





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## 📍 LEARNING FROM EXPERIENCE

*The Law Clinic offers the general public the possibility to call upon the legal skills of our law students, supervised by teaching staff. This service is free of charge and completely confidential. It represents an opportunity for students to gain hands-on training away from the lecture-halls and also to share their legal skills with the entire community.*

*The university "Technoshop" offers students and companies a source of know-how and equipment, necessary for the design and production of innovative object prototypes: vinyl and laser cutting, digital milling, 3D printer and scanner, etc. In addition, the Technoshop welcomes and supports high-school students and individuals with their projects, with the aim of encouraging creative vocations.*

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What better than an open mind to integrate tomorrow's job market, whether it concern finding, creating, securing or renewing a position?

The University of Bordeaux, collaborating closely with the economic and business sector, accompanies its initial-training and lifelong-learning students as they develop the skills that are essential for their future careers.

This fundamental knowledge and training will allow them to flourish within their chosen vocations, with extensive know-how, flexibility and a proven ability to manage change.

## OUR FIELDS OF STUDY

Law and Political Science

Economics, Management and Administration

Medicine

Pharmacy

Odontology

Public Health

Paramedical Training

Biology

Physics

Computer Science

Chemistry

Mathematics

Earth and Environmental Sciences

Engineering Sciences

Enology

Sociology

Psychology

Anthropology

Education Sciences

Sports and Physical Activity Sciences and Techniques

Teaching and Pedagogy

Technological Teaching



**7**

educational entities:  
4 colleges, 2 institutes and  
1 school



**6,200**

international students



**53,000**

students



**40**

international study programs

Nearly **50%**

following postgraduate studies



**15**

double degrees



**89,7%**

employment rate for Master  
graduates



**1**

Fabrication lab



**1**

student project incubator

# STUDENT LIFE: LIVING IT TO THE MAXIMUM



**135**

student associations



**5<sup>th</sup>**

university in Europe based on sports results (five-time French champion)



**1**

university band



**300**

sports medals and titles each year



**200**

events organized each year



**28**

hectares of sports facilities



**26**

artists-in-residence within our research laboratories



**1**

Olympic swimming pool

A male swimmer wearing a black swim cap and goggles is shown in a swimming pool. He is leaning forward, with water splashing around him. The background is a blurred view of the pool and other swimmers.

## FREE, ENGAGED CITIZENS

One of our main missions is to educate, stimulate, support, guide and equip our students for the realities of daily life.

We encourage students to become involved and committed citizens who believe in and practice solidarity by joining the governance of university organizations or by participating in community projects: tutoring, mentoring international students, organizing induction seminars for new students and working in shared gardens are just a few examples.

## UNIVERSITY SPORTS CHAMPION!

For five consecutive years now, Bordeaux is the N°1 French university for sports and ranks N°5 within Europe. Each year, approximately 300 medals are won by 500 sports students, champions in their disciplines. And you don't need to be a champion to practice sport! With 50 different activities available, one-third of our students choose a sport for recreation and/or competition purposes. The University of Bordeaux boasts high-quality equipment, with 28 hectares of sports facilities and an Olympic swimming pool.

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📍 **A WINNING  
TUTOR PROGRAM**

*In 2015, the tutor program in health studies at our university once again won a "gold award" from the national associations of medical and pharmacy students. This award recognizes a community-minded initiative that has been in place for over 20 years with first-year students in health studies mentored by their 2nd and 3rd-year peers. 2,000 new students are thus accompanied each year by some 200 student tutors – an outstanding success, for both new students and student tutors.*

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📍 **A FESTIVAL OF  
SCIENCE**

*In 2015, the University of Bordeaux inaugurated the first edition of "FACTS", a festival to celebrate "Arts and Creativity in Technologies and Sciences". The event was organized throughout the city and offered original insight into science by highlighting its poetic, artistic and aesthetic dimensions. During the event, the university community was united around the themes of creation and innovation with events such as artist residences in research laboratories, student art competitions, seminars and exhibitions.*

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Student years are a key moment in life and this is no exception in Bordeaux. The University of Bordeaux offers a multitude of opportunities for students to make the most of their time outside the lecture-halls. Around 130 student associations exist within the domains of culture, community service, sports and recreation.

Debates, conferences, shows, sports tournaments, concerts, parties, excursions... There is always something going on somewhere on the campus sites!

Each year, over 200 events are organized in liaison with local associations, most of which are open to the general public. Of particular importance are events that bring together students and other communities within Bordeaux to ensure the successful interaction and integration of all within the city.



# BORDEAUX, A CITY FOR EVERY TASTE



**1 out of 10**

inhabitants within the region of Bordeaux studies or works at the University of Bordeaux



**1**

Euroregional campus "Aquitaine-Euskadi"



A campus site of

**187** hectares



**11,400**

trainees following lifelong-learning programs in 2014



**44**

libraries and 4,000 reading places



**8**

business chairs

# A DYNAMIC CITY AND A UNIVERSITY WITH STRONG REGIONAL CONNECTIONS

With over €30 billion currently invested in major development projects, the Bordeaux metropolitan area is one of the most dynamic in France. The university campus also benefits from significant investments to renovate and modernize its site in order to offer ideal conditions for living, studying and working.

This campus is a powerhouse in the development of a regional economy that combines traditional activities with cutting-edge technologies and companies working within the new economy. Thanks to study and research programs in disciplines such as vine and wine, wood and forestry, aeronautics and space, optics and lasers, health and biotechnologies, digital technologies, the University of Bordeaux directly contributes to the growth of leading companies in the region. It thus plays a vital role in boosting the social and economic reputation of a local territory that is very much part of today's and tomorrow's world.





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## 🍷 VINE AND WINE

*Bordeaux is known the world over for its wines and vineyards. It represents an international center for training, research and technology transfer in the winegrowing sector. For instance, the **Bordeaux Aquitaine Institute of Vine and Wine Sciences** is working via its "Maturity Network" to analyze the grape-*

*ripening process, a complex phenomenon that impacts the quality of wine. The results of this analysis provide the region's vine-growers with critical information that enables them to assess the quality of the vine harvest and therefore make an informed decision as to the right time for harvesting.*

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Capital of France's largest region, Bordeaux is one of the most beautiful cities in the country with an exceptional architectural heritage – its historic city center features in the UNESCO World Heritage list.

Famous for its vineyards and wine châteaux – the most prestigious in the world – it also boasts excellent gastronomy and a festive atmosphere all year long.

Bordeaux is renowned for its high-quality of life. The city is located just 30 minutes from the Atlantic Coast and its surfing spots and less than 250 kilometers from the Pyrenees mountains and Spain.

Home to legendary French figures, Montaigne and Montesquieu, Bordeaux is also a port city with a well-developed infrastructure and strong connections to the rest of the world. Throughout the years, it has welcomed ever-increasing numbers of students, researchers and professors from all over the world.

To represent **university, success, Bordeaux and future** all in one we have created a unique logo as a symbol of the future, **U**.



The University of Bordeaux mobile application has been developed by **NFC Interactive**, a start-up created within LaBRI\* a laboratory of the University of Bordeaux, that specializes in proximity technologies (NFC, WiFi, Bluetooth, BLE, UWB, sensors etc.).

\*Bordeaux computer research laboratory

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