

Available for Fall 2024

UB PhD Scholarship program

Why join one of our Graduate Program?

The University of Bordeaux's Graduate Programs combine training and research around theme-based research specialties that will allow you to acquire international scientific expertise while working towards your PhD.

Can I apply?

Those scholarships are reserved for International PhD students:

- › Candidates holding (or currently enrolled in) a **master's degree** or another degree conferring master's status **from a foreign institution**
- › Candidates currently in a **Graduate Program**, enrolled in second year of **Master** at the University of Bordeaux (see list), and holding a **degree** (e.g. Licence, Bachelor or Master 1) **from a foreign institution**

How to apply?

Step 1: Choose a project of your interest among the available ones (3 choices max.):

<https://adum.fr/UBX/ptUBPS>

Step 2: Prepare your application:

- › Diplomas and transcripts:
 - › Master's degree or equivalent
 - › Current certificate of enrollment (when applicable)
- › CV
- › Motivation letter for the chosen project(s) (one letter per project)
- › Recommendation letter
- › Passport
- › Any document demonstrating proficiency in English/French according to the requirements of the project

Step 3: Submit your application here: <https://aap.u-bordeaux.fr/>

Step 4: If your application is successful, you will be asked for an audition between March 18 and April 12.

Final admission results will be published at the beginning of May

Up to 12 PhD positions open

Website

doctorat.u-bordeaux.fr

Contact

internationalisation.doctorat@u-bordeaux.fr



Ce travail a bénéficié d'une aide de l'État gérée par l'Agence Nationale de la Recherche au titre du programme d'Investissements d'avenir portant la référence ANR-20-SFRI-0001.



Graduate Research School / université de BORDEAUX

Graduate Programs

AFRICA

Challenges and transitions in Africa, Public Health, Economics, Political Sciences

The AFRICA Graduate Program is a study and research initiative which brings together a multidisciplinary cohort of students and PhD students.

It focuses on the study of contemporary Africa by examining the complex and multidimensional issues confronting African populations and decision-makers. The disciplinary contribution primarily lies in public health, economics and political sciences, but other topics of interest are explored, such as law, anthropology and demography.

Available PhD positions

- › Social Protection and Food Security in Africa

Contact

gp.africa@u-bordeaux.fr

Cancer Biology

Cellular and molecular biology to translational and clinical research in oncology

The Cancer Biology Graduate Program focuses on knowledge, innovation and cross-disciplinary research, geared towards top-notch scientific research with a particular interest in multidisciplinary approaches to the study of cancer. The program includes integrated training covering the fundamental cellular and molecular mechanisms of cancer biology, through translational, clinical and technological research, including new technologies and multidisciplinary approaches to oncology.

Available PhD positions

- › Molecular characterization of Alpha 1-Antitrypsin deficiency-related hepatocellular carcinoma
- › Regulation of the normal and leukemic hematopoiesis by G-PROTEIN coupled receptors
- › Impact of Cellular Biophysics on Aging and Cancer
- › Exploring the Role of Furin in Colorectal Cancer with KRAS or BRAF Mutations: Implications for Targeted Therapies
- › ARHGAP35/p190A and ARHGAP5/p190B paralogs: potential targets in endometrial cancer?
- › New therapeutic antibody for osteosarcoma metastasis treatment
- › Study of Dnases functions in the regulation on anti-tumor immune responses
- › Roles of histone H1 and H3 isoforms in triple negative breast cancer (TNBC)
- › Influence of myeloid-derived suppressor cells on gastric cancer stem cell tumorigenic and metastatic properties
- › Novel mechanisms of transcriptional regulation during cellular quiescence

Contact

cancerbiology@u-bordeaux.fr

ARCHEO

Archaeological research, data collection

The ARCHEO Graduate Program brings together the scientific community of archaeology. Its distinctive feature is its focus on fieldwork as a key element in the training of Master's and PhD students, drawing on the exceptional resources and heritage of archaeological sites in the Nouvelle-Aquitaine region.

Available PhD positions

- › Cranial shape variation in the UNESCO site of Pachacamac (ca. 500-1600 AD). Identifying artificial cranial modifications and cranial pathologies of pre-Hispanic human groups using 3D geometric morphometrics.
- › Testing lithic resource management as a key driver for the emergence and early development of the Acheulean in eastern Africa. Insights from the Konso-Gardula field laboratory.

Contact

gp.archeo@u-bordeaux.fr

EcoPoDeMa

Research programs on the methods and techniques in economic decision-making

The EcoPoDeMa Graduate Program provides international integrated training throughout the Master's degree and PhD. This enhanced curriculum - for all courses in economics - helps train students, through research, in the latest methods and techniques in economic decision-making.

Available PhD positions

- › Macroprudential regulation, banks' behavior and implications for financial markets
- › The effects of intellectual property rights on the production of science and technology: An in-depth study of the introduction of software patents in the US

Contact

gp.ecopodema@u-bordeaux.fr

EUREkA

Chemistry and physics-chemistry of materials

The EUREkA Graduate Program provides international and interdisciplinary training in chemistry and physical chemistry of materials, from the design, synthesis and developmental stages, to the chemical, physico-chemical and physical characterisations, and their use for specific functions and applications. The materials studied are very diverse (inorganic materials, polymers, colloidal materials, hybrids, composites etc.).

Available PhD positions

- › New conducting molecular-based magnets
- › Gyroids and clathrates by colloidal design

Contact

gp-eureka@u-bordeaux.fr

Infinity²

Subatomic Physics, High-Energy Physics and Astrophysics

The Infinity² Graduate Program offers high-level modules that benefit from the specific skills of those involved in major experiments in Subatomic Physics, High-Energy Physics and Astrophysics. This program trains students in modern data processing methods (big data, data mining, AI, etc.), capable of meeting the major challenges posed by the use of the latest generation of instruments in terms of the volume and complexity of the information collected.

Available PhD positions

- › Origin of complex organic molecules in massive star forming environments
- › Chemical composition of cold cores: an observational and simulated statistical approach

Contact

gp.infinity2@u-bordeaux.fr

Numerics

Digital Science: mathematics, computer science and science for engineers, combined with human and social sciences

The Numerics Graduate Program trains future experts in the analysis of complex digital systems, Big Data and other technologically innovative services. The generalized use of data and smart digital systems heralds a new digital age: from digital nomadism and intelligent cities to a better understanding of human needs and uses. These future systems, dedicated to the analysis, recognition and optimization of resources, pave the way to life-changing applications, but require a broad scientific knowledge and skills in digital sciences. To form the experts of the future, the program offers trainings in mathematics, computer science and science for engineers, combined with social sciences innovative services.

Available PhD positions

- › Stochastic algorithms in high dimension with applications in statistical learning
- › Statistical learning on Flow Cytometry data for the early characterization of Acute Myeloid Leukemia
- › Beyond explainability and evaluation standards: a better understanding of biometric authentication
- › Random Temporal graphs
- › Reduction of hyperelliptic curves over \mathbb{Q}
- › Model-based prognosis of multiple time/space scale systems. Application to space shuttle during atmospheric re-entry

Contact

gp-numeric@u-bordeaux.fr

SENSE

Environmental issues and the management of ecological transitions

The SENSE Graduate Program provides training from Master's to PhD level. The aim of this multidisciplinary program is to train students and junior researchers in the issues surrounding the development, protection and management of eco- and agro-systems.

Available PhD positions

- › Assessing the end of life and eco-toxicological profile of biosourced micro/nanoplastics
- › Reimagining plant individuality: a philosophy of biology approach of plant adjustment in the post-pesticide era
- › The impact of N fertilisation of agroecosystems on the stable isotope composition of atmospheric CO₂
- › Epigenetic adaptation of grapevine to environmental challenges

Contact

gp.sense@u-bordeaux.fr

SiTH

Health innovations and technologies for medicine

The SiTH (Science and Technology for Health) Graduate Program provides an in-depth research-oriented study in the field of healthcare related innovations: bio-imaging, molecules and nanoscience for health, regenerative medicine and translational medicine. The program trains junior researchers in the study of patients, as well as biology and medicine, covering everything from the composition of tissues and cells to the study of molecules.

Available PhD positions

- › Nucleolipids against Alzheimer's disease
- › ACVR1/ALK2 inhibitors, conception and development to treat children DMG
- › Topic immunotherapy for skin cancer
- › LC/MS method development for therapeutic oligonucleotide characterization: identification, impurity profile and degradation products
- › Structure and DNA-interactions of the membrane-associated protein RocS controlling chromosome segregation in *Streptococcus pneumoniae*
- › Bikini for laser assisted drug delivery by endoscopic surgery
- › Structural Studies On Kras RNA G-Quadruplex With Regulatory Proteins

Contact

gp.sith@u-bordeaux.fr