

Over 5,500 researchers work in research and innovation at the University of Bologna, on permanent (teaching and research staff) and temporary positions (PhD students, research fellows, etc.). Research and innovation activities are performed in the Departments and Inter-Departmental Centres, covering a variety of subjects across the University campuses (Bologna, Ravenna, Forlì, Cesena, Rimini) with high level laboratories and equipment.

The University of Bologna is very active in having access to competitive funding, both at the national and international level. In particular, it has been and is in the top positions among Italian universities in terms of funded projects within the European Framework Programme for Research and Innovation (FP7 and Horizon 2020), which funds on a very competitive basis scientific research and innovation activities. The University takes part to a number of international networks and associations and actively participates in several initiatives connected with Horizon 2020. <http://www.unibo.it/en/research/international-networks-and-associations>

The University of Bologna is a preferred University partner for entrepreneurs in the local territory and nationwide. Alma Mater is pursuing a pro-active policy of medium /long-term engagement and partnership with large enterprises, associations and business networks at regional, national and international levels, pursuing a strategy designed to promote university-business opportunities in every area (from research to the transfer of knowledge, from entrepreneurship to career guidance and job placement, from the co-design of learning paths to continuing education for firms).

#### Entrepreneurship initiatives

The University of Bologna is pursuing a pro-active policy of medium /long-term to support entrepreneurship including different initiatives, among them entrepreneurship training programs for the development of business ideas, Alma E Club, the inter-disciplinary club for professors and researchers to promote the development of an entrepreneurial culture and dedicated events to valorize business projects within the local economic ecosystem.

# Research and Business



## PhD Programmes

**Info and contacts**  
Information for PhD applicants  
PhD Unit – Education Division  
e-mail: [udottricerca@unibo.it](mailto:udottricerca@unibo.it)  
[www.unibo.it/phdprogrammes](http://www.unibo.it/phdprogrammes)



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

## PhD Programmes

# PhD

# The University of Bologna



**Alma Mater Studiorum - Università di Bologna is a multi-campus university based in Bologna, Cesena, Forlì, Ravenna, and Rimini.**

## Why?

#### ... to achieve important objectives

More than 45 PhD programmes, most of them taught in English, to challenge yourself and to acquire the skills needed to carry out top-level research at the University and at public and private institutions.

#### ... to carry out research in a welcoming environment

Research at the University of Bologna is highly interdisciplinary, covering the many facets of modern science. Projects, initiatives, research facilities and dedicated services are set up to develop new ideas, innovation and knowledge for facing global challenges.

#### ...to develop a set of useful skills

Choosing a PhD programme at the University of Bologna gives you the chance to achieve the highest level training and develop abilities to understand and solve problems contributing to the improvement of quality of life.

#### ...to experience Italy in a top-level University

The University of Bologna stands among top 5 Italian universities in the most relevant World University Rankings : 4<sup>th</sup> Italian university (180<sup>th</sup> position world) in QS 2019, 3<sup>rd</sup> Italian University (180<sup>th</sup> position world) in THE 2019; 1<sup>st</sup> Italian university (15<sup>th</sup> position world) in GreenMetric 2018. According to QS Academic reputation survey 2019, being 77 globally over 1300, the Academic Reputation is the strongest indicator for Università di Bologna.

Subject area	Title	Language
<b>Biological, Geological and Agricultural Sciences</b>	Agricultural, Environmental and Food Science and Technology	EN
	Cellular and Molecular Biology	EN, IT
	Earth, Life and Environmental Sciences	EN, IT
	Health, Safety and Green Systems	EN
	Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)	EN, IT
	Science and Culture of Well-being and Lifestyles	EN, IT
	<b>Engineering Studies</b>	Architecture and Design Cultures
Automotive Engineering for Intelligent Mobility	IT	
Biomedical, Electrical and System Engineering	EN, IT	
Civil, Chemical, Environmental and Materials Engineering	EN, IT	
Computer Science and Engineering	EN	
Electronics, Telecommunications and Information Technologies Engineering	EN	
Mechanics and Advanced Engineering Sciences - DIMSAI	EN, IT	
Structural and Environmental Health Monitoring and Management - SEHM2	EN	
<b>Mathematical Physical, Chemical and Astronomical Sciences</b>	Astrophysics	EN
	Chemistry	EN
	Data Science and Computation	EN, IT
	Future Earth, Climate Change and Societal Challenges	EN, IT
	Mathematics	IT
	Nanoscience for Medicine and the Environment	EN
	Physics	EN, IT

The updated list of PhD programmes is available at: [www.unibo.it/phdprogrammes](http://www.unibo.it/phdprogrammes)

Subject area	Title	Language	
<b>Medical, Pharmaceutical and Veterinary Medical Sciences</b>	Biomedical and Neuromotor Sciences	EN, IT	
	Biotechnological, Biocomputational, Pharmaceutical and Pharmacological Sciences	IT	
	Cardio Nephro Thoracic Sciences	EN, IT	
	General Medical and Services Sciences	IT	
	Health and Technologies	EN, IT	
	Oncology, Hematology and Pathology	EN, IT	
	Surgical Sciences	EN, IT	
	Veterinary Sciences	IT	
	<b>Humanistic Studies</b>	Cultural and Environmental Heritage	EN, IT
		Global Histories, Cultures, and Politics	EN, IT
History and Archaeology. Studies on Heritage, Memory and Cultures		EN, IT	
Literary and Philological Cultures		IT	
Modern Languages, Literatures, and Culture		see curricula	
Pedagogical Sciences		IT	
Philosophy, Science, Cognition, and Semiotics-PSCS		EN, IT	
Psychology		EN	
Translation, Interpreting, Intercultural Studies		EN, ES, DE, FR, IT, RU	
Visual, Performing and Media Arts		IT	
<b>Legal, Politological, Economic and Statistical Sciences</b>	Economics	EN	
	European Law	EN, FR, IT	
	Law, Science and Technology	EN	
	Legal Studies	EN, ES, FR, IT	
	Management	EN	
	Political and Social Sciences	EN	
	Sociology and Social Research	EN, IT	
Statistical Sciences	EN, IT		

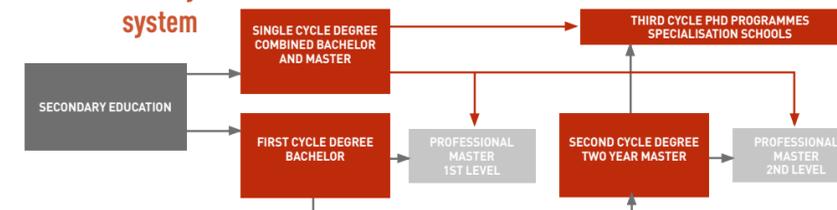
### How to apply

To participate in the PhD Programme selections, applicants have to submit an application following the indications provided in the call which is published every year on Euraxess and on the University website: <http://www.unibo.it/teaching/phd/information-enrolling-phd-programme/how-to-apply-phd-programme>  
Selection procedures can be held remotely.

### Entry requirements

For admission, applicants must hold an academic qualification equivalent to the 2nd cycle degree (Master's Degree). Undergraduate applicants whose degree is to be awarded after the deadline of the call may also apply, on condition to get and certify the necessary academic qualification for the admission to the PhD programmes before the start of the relevant academic year (by October 31<sup>st</sup>).

### The Italian university system



### Important Dates

Application call opening date: between February and April  
Application call closing date: about 1 month after the opening date  
Selections: between May and July  
PhD Programmes start date: 1st November  
PhD Programmes duration: 3 or 4 years, depending on the PhD Programme.

### Collaboration with national and international institutions

The University of Bologna offers:

1. PhD programmes in collaboration with Italian or foreign public institutions;
2. PhD programmes in collaboration with companies carrying out R&D activities;
3. apprenticeship PhD contracts;
4. exchange and collaboration projects with foreign Universities as well as public and private institutions and businesses.

### Co-tutorship agreements (co-tutelle)

Bologna University establishes continuing relationships with foreign Universities through both framework and individual co-tutorship agreements. Under the co-tutelle model, the PhD candidate is enrolled at two universities having assigned a supervisor at each. The PhD candidate is required to spend minimum one year, even not continuously, at the partner University to carry out his/her research.

### Fees and funding

#### Tuition fees

The amount of the tuition fee is € 157,64 per year, covering the regional tax "Right to Higher Education", stamp duties and insurance. An additional University tuition fee could be due, whose amount is decided every year by the Board of Governors of the University.

#### Scholarships

More than 450 scholarships are available every year. The number of positions and scholarships is indicated in the call for applications; some of them are reserved for specific research topics. The yearly gross amount of each scholarship is € 15.343,28.

#### ER.GO. Scholarships

PhD candidates with no scholarship or research grant can apply for an ER.GO scholarship. The application shall be submitted online through the ER.GO website. Candidates whose family has incomes and assets outside Italy should submit the online application and send the required related documents.

#### PhD@ISA Fellowships

Non-Italian citizens residing abroad and holding a Master's degree granted by a foreign University can apply for one of the fellowships offered by the Institute of Advanced Studies (PhD@ISA). The PhD@ISA fellowship provides free accommodation in a single studio apartment. No financial support or other subsidies beside accommodation are provided. The maximum duration of the PhD@ISA Fellowship is 3 years.

#### Italian government Scholarships for foreign students (Borse MAECI)

Every year the Italian Ministry of Foreign Affairs and International Cooperation (MAECI) awards scholarships for studying in Italy to foreign citizens. The scholarships are offered also for enrolling in PhD programmes. The call is available on the MAECI website (Services & Opportunities): [www.esteri.it](http://www.esteri.it)

#### Stay abroad

PhD candidates may spend periods of study and research abroad. A prior authorisation of the PhD Academic Board is required. The amount of the scholarship is increased by 30% for the periods spent abroad. This increase is not allowed for periods shorter than one continuous month as well as for stays in the Country of birth, citizenship, residence or abode of the PhD candidate. Within the Erasmus+ programme phd candidates may spend a mobility period in the universities, research centres or companies located both in the EU and in non – EU countries. The Erasmus+ programme provides for financial aid. To learn more about the application process and deadlines, please visit: [www.unibo.it/erasmusplacement](http://www.unibo.it/erasmusplacement); [www.unibo.it/erasmus](http://www.unibo.it/erasmus)