

The primary goals of the University are teaching and research [....] Given its long-standing identity as a place of general studies, the University acknowledges the equal dignity and opportunities of all branches of learning that assure scientific and educational capital. This University protects and renews its cultural heritage, meeting the different needs of society.

University Statute, Constituent Principles, Art. 1 para. 3



THE BIRTH OF THE UNIVERSITY

The Studium in Bologna is the first home of free teaching, independent from ecclesiastic schools. Irnerio's law school marks the birth of Western universities.

1088 | XII sec.

ONE CITY, MANY NATIONS

The University bears witness to its nature as an international community, including both "citramontani" - from "beyond the mountains" and "ultramontani" - from "beyond the Alps": during this period, over 2,000 students came from all across Italy and Europe. The University fights to maintain its autonomy against all outside interference.

XIII sec.

FROM BOLOGNA TO THE WORLD, FROM THE WORLD TO BOLOGNA

Medicine and philosophy, hard sciences and mathematics, engineering and economics are the major subjects of a university that becomes an undisputed international authority in all fields of knowledge. From Bologna to the world, from the world to Bologna: the University sends and attracts scientists and scholars, creating an increasingly broad network of relations.

XVI-XVIII sec.

FREEDOM OF RESEARCH

Federico I Barbarossa recognises the University as a *libera societas* of masters and pupils. The empire undertakes to protect *scholares* travelling for the purposes of study. For the first time, the absolute freedom of research is ratified.

BROADENING THE HORIZONS OF KNOWLEDGE

XIV-XV sec.

Beginning in the 14th century, jurist schools sit alongside so-called "artists", students of Medicine, Philosophy, Arithmetic, Astronomy, Logic, Rhetoric and Grammar. Bologna becomes an obligatory destination for all key intellectuals of the time.

Nine centuries of history

NEW CHALLENGES

The University continues to play an undisputed central role among many other places of learning and research institutions. It continues to cooperate with all major institutions in the world, within an increasingly dynamic and complex global framework.

1999 BOLOGNA PROCESS

Signature of the Bologna Declaration creating the European Higher Education Area (Bologna Process).

1888 XX sec. | 1988 | 1999 | 2012

THE MOTHER OF ALL UNIVERSITIES

In 1888, the University celebrates its eighth centenary, a grand event held in Bologna attended by representatives of all the world's universities, honouring the Alma Mater Studiorum as the mother of all universities. The celebrations in Bologna become an international festival of education.

UNIVERSITY, AN INTERNATIONAL AGREEMENT

Celebrating the Alma Mater's ninth centenary, the Rectors of 500 European universities meet in Bologna to sign the Magna Charta Universitatum: an international agreement confirming the inalienable value and autonomy of universities.

THE UNIVERSITY LOOKS TO THE FUTURE

The Alma Mater Studiorum adopts a new Statute, marking the end of the reform process undertaken by the University to face the challenges of the coming decades in the fields of teaching, research and internationalisation.

mpus Universi

In conformity with the principles of the Italian Constitution and the Magna Charta of the Universities, Alma Mater Studiorum - Università di Bologna is a public, independent, non-denominational and pluralistic institution.

University Statute, Constituent Principles, Art. 1, para. 1

UNIVERSITY BODIES

- Rector supported by 7 vice-Rectors with the following duties: Deputy Rector, Teaching, Research, Human Resources, International Relations, Students, Digital Technologies
- Academic Senate composed of 35 members: Rector, 10 Heads of Department, 15 Professors and Assistant Professors,
 3 representatives of the Technical and Administrative Staff,
 6 student representatives
- **Board of Governors** composed of **11** members: Rector, **5** internal members, **3** external members, **2** student representatives
- Board of Auditors composed of 3 statutory members and 2 deputy members
- University Evaluation Unit composed of 5 members,
 4 of which are external
- Director General

AUXILIARY BODIES

- Student Council composed of 33 members
- Technical and Administrative Staff Council composed of 24 members
- **Sponsors' Committee** composed of **9** members representing the bodies and institutions working in the various fields and territories the University operates in
- Student Ombudsman
- Guarantee Committee for Equal Opportunities, Employee
 Wellbeing and Non-Discrimination at Work

UNIVERSITY CENTRE FOR THE PROTECTION AND PROMOTION OF HEALTH AND SAFETY

- Occupational Safety and Health Service
- Service for Animal Welfare in the University Teaching and Scientific Facilities

SCHOOLS

The **11 Schools** are the organisational structures that coordinate teaching activities, combining uniform and complementary subject areas and quaranteeing the quality of teaching and student services.

Agriculture and Veterinary Medicine

Arts, Humanities, and Cultural Heritage

Economics, Management, and Statistics

Engineering and Architecture

Foreign Languages and Literature, Interpreting and Translation

Law

Medicine

Pharmacy, Biotechnology, and Sport Sciences

ISS (ISTITUTO DI STUDI SUPERIORI)

Psychology and Education

• Collegio superiore

Science

Institute of Advanced Studies

Political Sciences

ALMA MATER FOUNDATION

The Alma Mater Foundation is an operational entity that performs planning and management tasks for the University of Bologna and supports the University in the pursuit of its stated goals.

RESEARCH AND TRAINING CENTRES

- University of Bologna Experimental farm: established in 1974, the farm supports research and experimentation for various Departments of the School of Agriculture and Veterinary Medicine
- Public Sector Research and Training Centre: Specialisation School for Public Administration Studies, European School of Advanced Fiscal Studies, Advanced School for Health Policy
- "Ercole De Castro" Advanced Research Centre on Electronic Systems
- Centre for Advanced Studies in Tourism
- "A. Gaudenzi and G. Fassò" Interdepartmental Centre for Research in the History, Philosophy, and Sociology of Law and in Computer Science Law
- "Giorgio Prodi" Cancer Research Centre
- "L. Galvani" Interdepartmental Research Centre for Integrative Studies in Bioinformatics, Biophysics and Biocomplexity
- Interdepartmental Research Centre for Environmental Sciences
- Advanced School of Studies on the City and the territory
- High School for Legal Studies
- Advanced School of Humanities Studies
- Specialisation School for Legal Professions "Enrico Redenti"

INTERDEPARTMENTAL INDUSTRIAL RESEARCH CENTRES

- Aeronautics
- Agri-food
- Building and Construction
- Energy and Environment
- Advanced Mechanics and Materials
- Information and Communication Technologies
- Health Science and Technology

DEPARTMENTS

The **33 Departments** are the University structures in charge of organising scientific research and teaching and learning functions.

Science

- Chemistry "Giacomo Ciamician"
- Industrial Chemistry "Toso Montanari"
- Pharmacy and Biotechnology
- Physics and Astronomy
- Mathematics
- Biological, Geological, and Environmental Sciences
- For Life Quality Studies

Technology

- Architecture
- · Computer Science and Engineering
- Civil, Chemical, Environmental, and Materials Engineering
- Electrical, Electronic, and Information Engineering "Guglielmo Marconi"
- Industrial Engineering
- Agricultural Sciences
- Agricultural and Food Sciences

Humanities

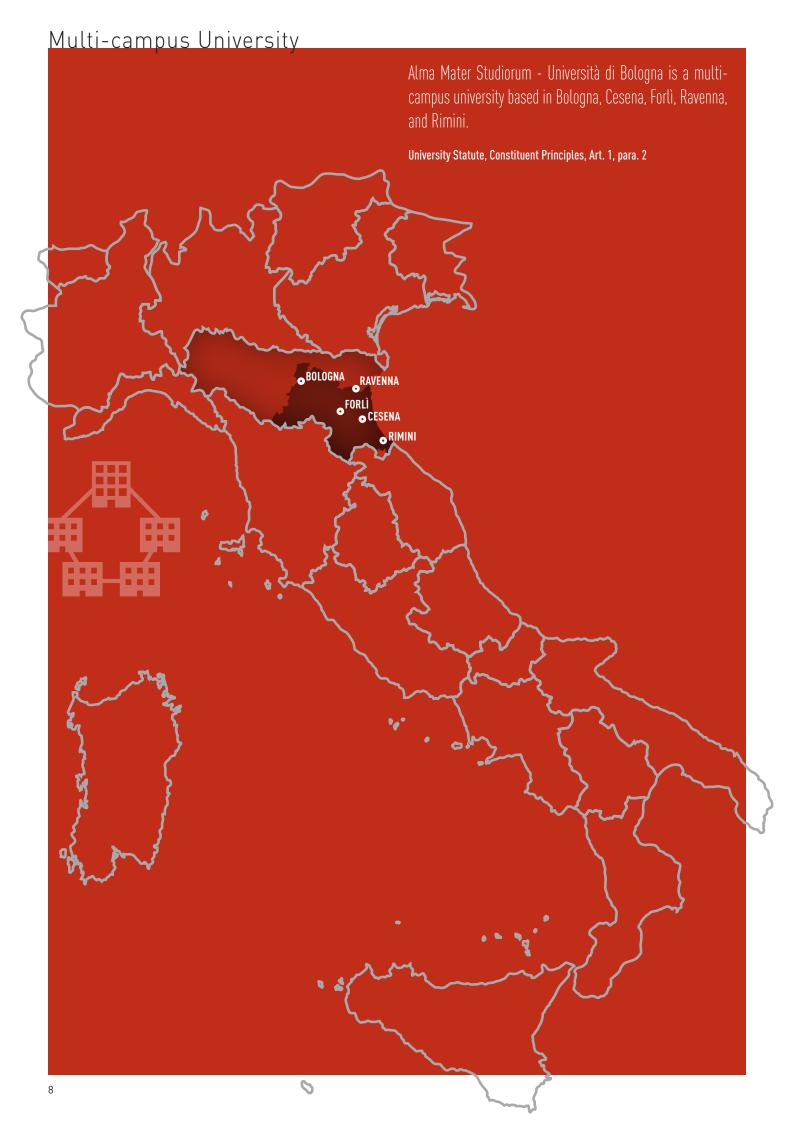
- The Arts
- Classical Philology and Italian Studies
- Philosophy and Communication Studies
- Modern Languages, Literatures, and Cultures
- Psychology
- Education Studies "Giovanni Maria Bertin"
- History and Cultures
- Cultural Heritage
- Interpreting and Translation

Medicine

- Experimental, Diagnostic and Speciality Medicine
- Biomedical and Neuromotor Sciences
- Medical and Surgical Sciences
- Veterinary Medical Sciences

Social studies

- Management
- Economics
- Legal Studies
- Political and Social Sciences
- Statistical Sciences "Paolo Fortunati"
- Sociology and Business Law



Alma Mater Studiorum-University of Bologna has been a **Multi-campus university** – the only one in the Italian university system – since 1989, with campuses in Bologna, Cesena, Forlì, Ravenna and Rimini. Each campus has its own distinct scientific and educational identity and its own institutional, cultural, social and sports facilities and services. Schools, departments, or specific school and department organisational units are located on each campus. Each campus coordinates its teaching and research support services and initiatives in the best interests of the students; also, active relationships are maintained with local authorities, organisations and people with a view to enhancing the cultural, economic and social development of the area.

CESENA CAMPUS

The key teaching and research subject areas on this campus are psychological sciences, architecture, electronics and biomedical engineering, computer sciences, food science and aquaculture. In addition, the Interdepartmental Centres for Industrial Research pursue research projects in the fields of agrofood, information and communication technologies, technology transfer and innovation support for business.

Schools

- Engineering and Architecture
- Psychology and Education

Department

Architecture

Departmental Local Organizational Units

- Computer Science and Engineering
- Electrical, Electronic, and Information Engineering "Guglielmo Marconi"
- Psychology
- Agricultural and Food Sciences
- Veterinary Medical Sciences

FORLÌ CAMPUS

This campus has a markedly international orientation, as evidenced by the large number of first and second cycle degree programmes taught entirely in English and the programmes offering double or multiple degrees or joint degrees with foreign universities.

The main teaching and research subject areas are mechanical and aeronautical engineering, interlinguistic translation, interpretation and communication, political, social and international sciences, business studies and economics.

Schools

- Foreign Languages and Literature, Interpreting and Translation
- Political Sciences
- Economics, Management, and Statistics

Department

• Interpreting and Translation

Departmental Local Organizational Units

- Industrial Engineering
- Management
- Economics
- Sociology and Business Law
- Political and Social Sciences

RAVENNA CAMPUS

The teaching and science activities on this campus are all relatable to the environment and the sea, with particular reference to the study and protection of ecosystems and resources enhancement, the conservation, protection and restoration of cultural heritage and historic buildings, the archaeology and enhancement of early civilisation settlements, international cooperation and law.

School

• Arts, Humanities, and Cultural Heritage

Departments

• Cultural Heritage

Departmental Local Organizational Units

- History and Cultures
- Biological, Geological, and Environmental Sciences
- Legal Studies

Other University structures

- Interdepartmental Centre for Environmental Sciences
- Advanced School of Studies on the City and Region

RIMINI CAMPUS

The current teaching activities and research topics on this campus are personal wellness and leisure time, fashion, tourism, insurance and financial risk management, administration and business strategies, the economic analysis of environmental services, waste treatment chemistry and technology, the health professions and the science of education. The campus has an international outlook and many of the degree programmes are taught in English.

Schools

- Pharmacy, Biotechnology, and Sport Science
- Economics, Management, and Statistics

Department

• For Quality of Life Studies

Departmental Local Organizational Units

- Industrial Chemistry "Toso Montanari"
- Management
- Economics
- Statistical Sciences "Paolo Fortunati"

Other University structure

Centre for Advanced Studies in Tourism

BUENOS AIRES ADVANCED STUDIES CENTER

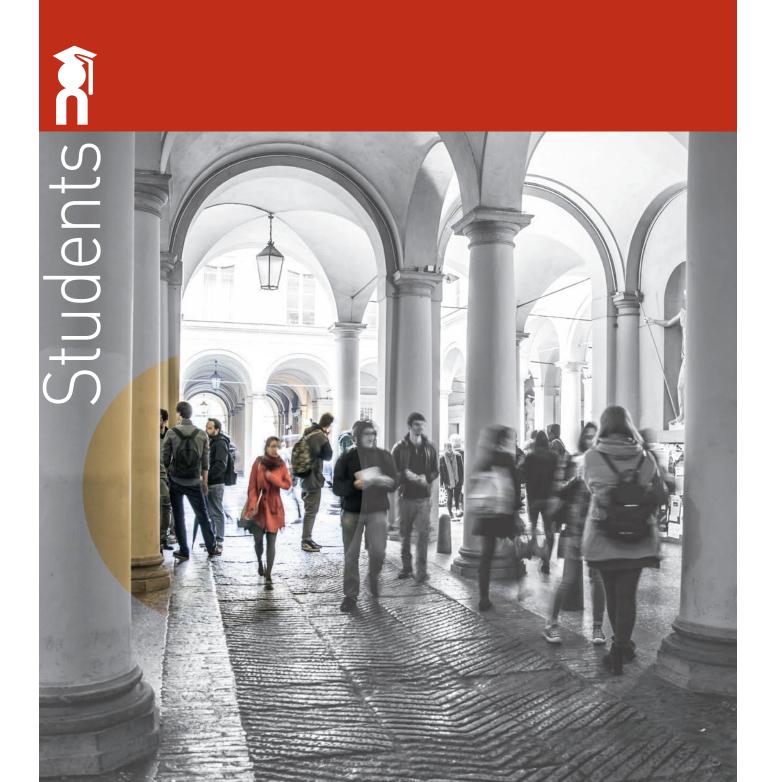
The taught degree programmes and post-graduate and masters programmes offered by the University of Bologna's Argentinian centre around the promotion of international relations between Europe and Latin America.

SHANGHAI ADVANCED STUDIES CENTER -ALMA TONG PROJECT

The degree programmes available at the Sino-Italian Campus of Tongji University in Shanghai, inaugurated in 2006, are the Double Bachelor and Master Degree Program in Automation Engineering, the Second Cycle Degree Programme in Automation Engineering and the Second Cycle Degree Programme in Historic Buildings Rehabilitation.

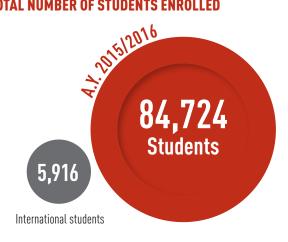
In compliance with articles 3 and 34 of the Italian Constitution, the University works to ensure that the full exercising of the right to study is not hindered by economic or social obstacles and that commitment and merit are continuously acknowledged and duly rewarded.

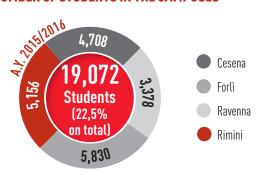
University Statute, Orientation Principles, Art. 2, para. 1



TOTAL NUMBER OF STUDENTS ENROLLED

TOTAL NUMBER OF STUDENTS IN THE CAMPUSES



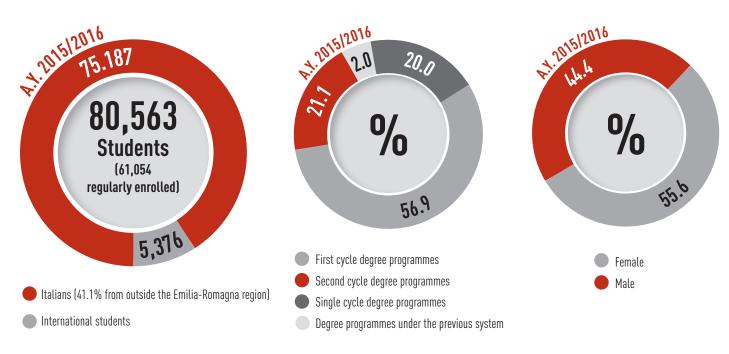


STUDENTS ENROLLED **IN DEGREE PROGRAMMES**

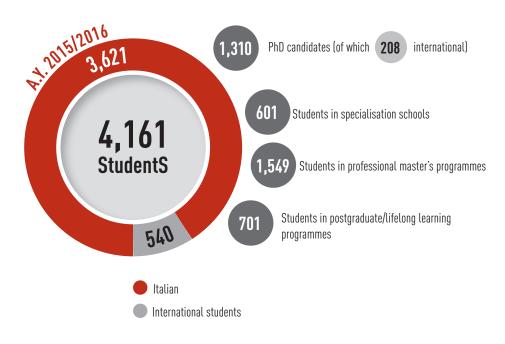
(FIRST CYCLE, SECOND CYCLE, SINGLE CYCLE PROGRAMMES AND DEGREE PROGRAMMES UNDER THE PREVIOUS DEGREE SYSTEM)

ENROLMENTS BY DEGREE PROGRAMMES

STUDENTS ENROLLED IN **DEGREE PROGRAMMES BY GENDER**



STUDENTS ENROLLED IN THIRD CYCLE AND VOCATIONAL TRAINING



OVERALL STUDENT SATISFACTION*

Students are generally satisfied with their degree programmesa	Alma Mater Mega Italy Universities		
	88 %	85 %	86 %

EMPLOYMENT STATUS OF 1ST CYCLE DEGREE 2014 GRADUATES 1 YEAR AFTER GRADUATION*

	Alma Mater	Italy
Either employed or unemployed and not seeking work	82%	76%

EMPLOYMENT STATUS OF 2ND CYCLE AND SINGLE CYCLE DEGREE 2014 **GRADUATES 1, 3 AND 5 YEARS AFTER GRADUATION***

		2014 graduates 1 year after graduation	2012 graduates 3 years after graduation	2010 graduates 5 years after graduation
Either employed or unemployed and not seeking work	Alma Mater	74%	86%	90%
	Italy	71%	82%	88%

* Source: Almalaurea



REGION OF ORIGIN OF ITALIAN STUDENTS ENROLLED IN DEGREE COURSES IN ACADEMIC YEAR 2015/2016

44.221 Emilia-Romagna

Da 3.000 a 5.000 Puglia, Marche, Veneto, Sicilia

Da 1.000 a 2.000 Toscana, Lazio, Campania, Calabria, Abruzzo, Lombardia

Da 500 a 1.000 Umbria, Molise, Sardegna, Trentino-Alto Adige, Friuli-Venezia Giulia, Val d'Aosta, Basilicata

Meno di 500 Piemonte, Liguria

STUDENT SERVICES

The range of student services matches the scale and complexity of the University of Bologna's multi-campus structure. Key features include the extensive study and leisure facilities, the support provided for coping with difficulties and the orientation and guidance service for incoming and outgoing students.

Libraries and study rooms are available for individual and group study, with WiFi and computer facilities and extended opening times, including weekends. Leisure time possibilities include local cultural attractions and events offered to students free of charge or at reduced rates thanks to special agreements with the University, activities organised by student associations and the sports facilities made available by the University in order to promote sport as an integral part of education.

Other services include: a service for students with disabilities and specific learning difficulties, guaranteeing targeted, personalised interventions to ensure that the student has all the tools required to complete his or her course of study. A psychological Support Service to help young people finding it difficult to cope with university life because of emotional and relationship problems or affective and behavioural disorders. Finally, a number of specific services are available to students for accommodation advice and registration, qualifications assessment, healthcare entitlement, grants, tax code issue, residence permits and visas for international students.



GUIDANCE

Guidance services are available to both incoming and outgoing students on all the University campuses.

The **Future student guidance service** aims to help students make the best choices by providing them with a set of tools and opportunities to facilitate their entry into university and their participation in the educational process.

The **Current student and outgoing student guidance service** provides students and graduates with tools and assistance in the delicate and complex stage of preparing for the job market. Each student can thus obtain help in developing their professional identity. The University cooperates with the business world through its **Job Placement service**, promoting the skills of its graduates with events such as Career Day and Recruiting Day and enhancing their entry into the job market.

RIGHT TO HIGHER EDUCATION

The types of financial assistance disbursed to students are many and varied, and can be based on merit and/or income assessment..



ER-GO study grants with full exemption from tuition fees



ER-GO accommodation places



Student support service grants



Students with tuition fee reductions



Grants for students in underpriviledged situations



Part-time jobs in university services



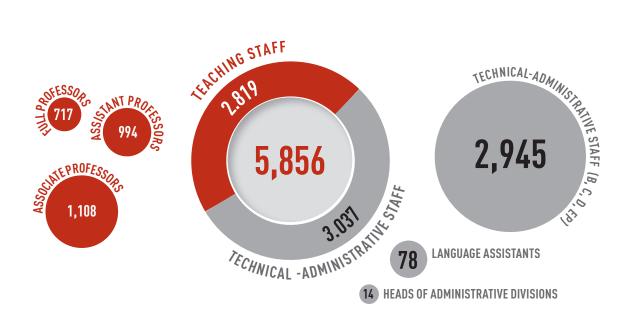
Merit-based scholarships

The recognition of merit and excellence is a priority criterion guiding the University's cultural, financial and organisational choices and strategies; in this way, the University promotes and rewards the commitment and quality of results achieved by students, professors, researchers and technical and administrative personnel.

University Statute, Constituent Principles, Art. 1, para. 7

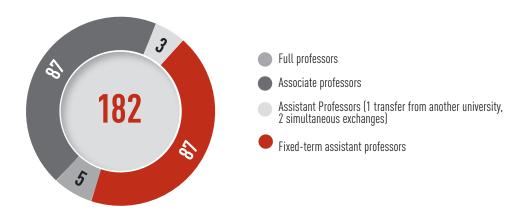


TEACHING AND TECHNICAL-ADMINISTRATIVE STAFF

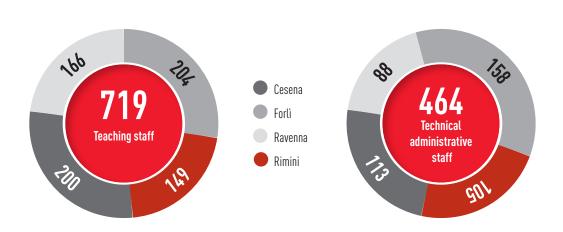


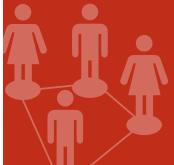
LECTURERS AND RESEARCHERS (ASSISTANT PROFESSORS) – 2016 APPLICATION CALL PROCEDURES COMPLETED OR IN PROGRESS

During 2016, the University initiated call procedures for five new full professors and 87 associate professors. The number of fixed-term assistant professors has further increased, with 87 new assistant professorships created in 2016. Notwithstanding employment turnover restrictions, the number of new lecturers continues to be of significance, especially when set against national university trends. The investment in fixed-term assistant professorships (RTDb) continued in 2016, with a view to future tenured positions.



CAMPUS PERSONNEL





GUARANTEE COMITTEE FOR EQUAL OPPORTUNITIES, EMPLOYEE WELLBEING AND NON-DISCRIMINATION AT WORK

The Guarantee Committee, formed at the University at the end of 2013 in accordance with Italian Law no.183/2010, has been working actively for the development of an equal opportunities culture, the promotion of employee wellbeing and the elimination of workplace discrimination since January 2014. Lecturers, technical-administrative staff and University representatives are represented in equal numbers. The Committee makes proposals, provides consultation and monitors progress.

As legally required, the Committee has published a positive actions plan for the period 2014-2017, in which the planned equal opportunities training, protection and guarantee measures are described, together with the networking and actions to be taken for the reconciliation of living and working times.



PERSONNEL TRAINING

Vocational training is an essential part of improving service quality. For several years now, the University has been investing in planned training; in 2015 **6,673 hours of training** were provided. **8,281 people took part in training schemes**, compared to 7,380 in 2014, an increase of about 12%. In all, 75% of the technical-administrative staff attended at least one vocational training or refresher event. As from 2016, continual training is also planned for newly recruited teaching staff.

ADVANCED VOCATIONAL TRAINING



The University funds staff participation in advanced training and specialisation courses, which are seen as effective motivational and career incentives. In the academic year 2015-2016, **73 technical-administrative staff members were enrolled in degree programmes at the University**. Since 2006, 171 staff members have received international mobility scholarships, including 30 internships in non-European countries. Also, masters or post-graduate vocational training programmes were funded for 47 technical-administrative staff members in order to maintain and upgrade levels of technical specialisation.

DISABILITIES

The University is particularly attentive to the needs of people with disabilities or those suffering from stress. Current Italian legislation stipulates a 7% disability employment quota, plus an additional 1% quota for other disadvantaged workers. Disabled employees are supported by the internal services throughout their entire professional career, with entitlement to targeted work allocation.

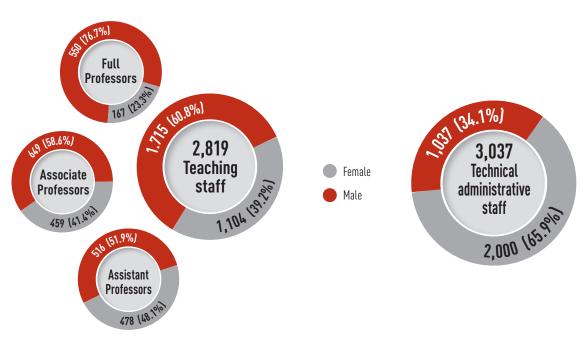
GENDER REPORT

University of Bologna has produced its first Gender Report, as foreseen in the 2014-2017 Positive Action Plan for employee wellbeing and non-discrimination at work, with the aim of contributing to the analysis of the internal situation in the University. The first edition of the report, presented in 2016, focuses on context, with an analysis of gender distribution amongst students, teachers, technical-administrative staff and on university governing bodies, in order to plan positive actions for the constant improvement of gender equality. The investments made by the University are described in the last section, also for the purpose of including gender variables in research and teaching.

The production of the document was closely coordinated with that of the University of Bologna's other planning and monitoring tools, with particular reference to the Social Responsibility Report 2015.

PERSONNEL AND GENDER

On analysing the gender distribution amongst teaching staff, it was found that gender ratio varies according to role. Amongst technical-administrative staff, the ratio is 2 women for every man.



The University acknowledges and guarantees [...] the freedom of teaching, in conformity with the learning outcomes [...] and guarantees the quality of teaching, at all levels of education.

University Statute, Orientation Principles, Art. 2, para. 2





The numerous, highly diversified courses listed in the University of Bologna's programme catalogue – including first and second cycle degree programmes and specialist postgraduate studies – guarantee the personal and professional development of students. The value and quality of the courses offered is borne out by the increased number of enrolments in recent years.

Students can also make use of a wide range of services and facilities during their time at the University: welcome and orientation events, services to support the right to higher education of gifted students from underprivileged backgrounds, recreational and sports activities, language courses, assistance with international exchanges and study periods abroad, degree programme tutoring and help when entering the world of work.

FIRST CYCLE, SECOND CYCLE AND SINGLE CYCLE DEGREE PROGRAMMES



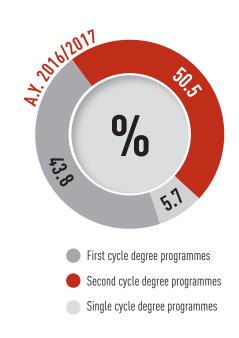
THIRD CYCLE PROGRAMMES (A.Y. 2015/2016)

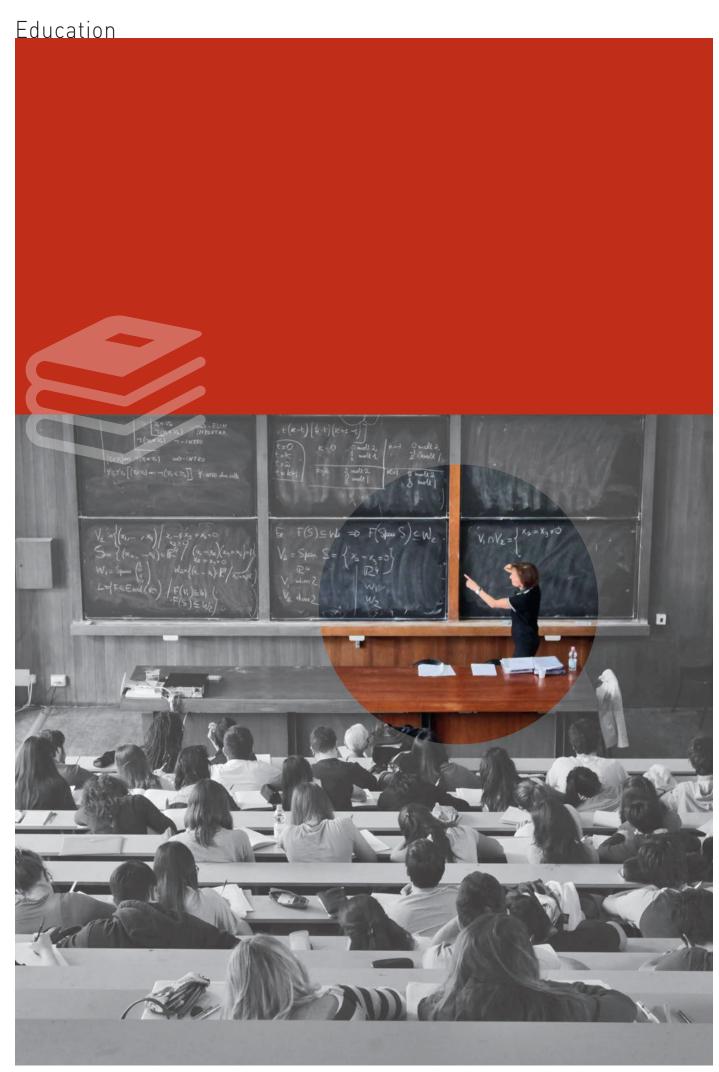
of which

41 PhD / doctoral programmes 37 Specialization schools 76 Professional master's programmes

international

DISTRIBUTION OF DEGREE PROGRAMMES





THE UNIVERSITY LANGUAGE CENTRE

The University Language Centre runs language courses for University of Bologna students, international exchange students and staff. Courses include Arabic, French, English, Spanish, German and Italian for international students. The centre also provides support to students preparing for the language tests required at various levels and issues the language proficiency tests. It also organises the language proficiency tests for degree and exchange programmes, working together with the International Relations Division.

In addition, the University Language Centre offers free English language courses and proficiency certification with the **Almaenglish** project.



ALMA MATHEMATICA

AlmaMathematica is a platform that provides online preparatory courses for entrance examinations requiring basic mathematical skills, or for making the necessary progress in mathematics to meet with Additional Learning Requirements.

PROFESSIONAL MASTERS PROGRAMMES AND COURSES

The University of Bologna offers a wide range of masters programmes and professional and multidisciplinary courses. The structure diagrams for these courses, created with the aim of developing new professional figures, are based on actual job market needs. At the University there are currently **76 masters degree programmes** (24 in the medicine subject area, 32 in social sciences, 14 in the science and technical subject area and 6 in the humanities) and **21 post-graduate programmes, lifelong learning programmes and summer and winter schools**.

ISS - ISTITUTO DI STUDI SUPERIORI

The ISS – Istittuto di Studi Superiori is an interdisciplinary and international centre of excellence that brings together professors, researchers and students from all levels of study and research.

The Institute is involved in European projects focusing on student and researcher mobility, knowledge transfer and research activities; its activities include invitations to external lecturers, the selection of transversal research themes and the education of the ISS "excellent students", who are selected by public examination and whose academic output is constantly monitored. The ISS collaborates with all University of Bologna Departments, Interdepartmental Research Centres, Schools and Institutes and belongs to international networks of similar institutions, sharing methods, models and projects. It has two sections: the "Collegio Superiore" and the Institute of Advanced Studies.

The Collegio Superiore offers supplementary, highly specialised training courses of an interdisciplinary character to students admitted on academic merit. This excellence training is further enhanced by meetings and seminars held by Italian and international academics and exchanges with other European schools of excellence. Currently, the Collegio hosts 106 students. In the academic year 2016/17 these students will have 144 hours of curricular lessons, 152 hours of seminars and 60 hours of international conferences.

The Institute of Advanced Studies selects PhD students, postdocs, researchers, and high profile academics from all over the world who are invited to Bologna by the University's lecturers and researchers. The ISA promotes the exchange of ideas and knowledge at an international level, constitutes a meeting ground for Italian and foreign academics, encourages interdisciplinarity in research and teaching, and international mobility. Since 2001 the Institute has hosted a total of 196 academics from 48 different countries and has organised 164 lectures and 30 events, including ISA Topic, ISA Medal, Let's 2014 and the Soft Skills workshop.

BOLOGNA BUSINESS SCHOOL

The business school is the University's point of reference for **post-graduate managerial training**. The internationally oriented programme catalogue, based on close and constant contact with the world of business, ensures excellent coordination with the University's academic organisation. The overriding priority of the Bologna Business School is to train a new generation of international managers, capable also of contributing to the development of businesses in the Emilia-Romagna region.

As a natural place of knowledge and scholarship, Alma Mater Studiorum - Università di Bologna must interpret and provide guidance in the changes of today, by guaranteeing the development, innovation, transfer and enhancement of knowledge to the benefit of individuals and society as a whole.

University Statute, Constituent Principles, Art. 1, para. 4





INTERNATIONALISATION

Key aspects of the University's continuing commitment to Europe in 2016 have been:

- contributing to the development of the European Institute of Innovation and Technology (EIT);
- strengthening participation in numerous research initiatives, such as European Innovation Partnerships (EIP), Joint Technologies Initiatives (JTI), Joint Undertakings (JU), and Joint Programming Initiatives (JPI);
- working jointly with private networking organisations and contractual partners in the European Community in Public Private Partnership (PPP) schemes and other European networks, including European Technology Platforms.

Collaboration with extra-European research projects – involving Australia, Brazil, China, Korea, Japan, Hong Kong, Israel, Qatar, the USA and the Mediterranean countries – has also intensified, on the basis of agreements and joint funding programmes. The University is part of the Partnership for Research and Innovation in the Mediterranean Area (PRIMA).

RESEARCH FIGURES

> 30 research papers per day

> 11,000 research papers per year (annual average 2011-2015)

> 80 H2020, LIFE and local cooperation programme research projects funded by the European Union. The funded projects create networks with over 900 partners, 330 of which are private

SIR projects (Scientific Independence of young Researchers)

projects funded by the Emilia-Romagna region (2014-2020 PORFESR Laboratories Call; 1.2 and 1.3 strategic industrial action research projects in the 2011-2013 Energy Plan; Rural Development Plan 14-20 measure 16.1

PRIN 2015

projects coordinated nationwide by the University (ranked joint 1st with Rome-Sapienza for number of projects) funded with **7,6 million EUR**

projects such as local operational units

11 % success rate in the ratio between projects submitted by the University as national coordinator and projects funded (ranked 1st amongst large universities)

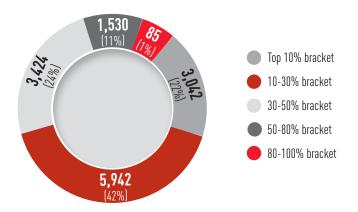
Together with the universities of Glasgow, Göttingen, Groningen, Krakow (Jagiellonian), Oslo, Tübingen, Uppsala and Warwick, the University has set up the Guild of European Universities, whose goal it is to encourage public debate on research policies and create regular occasions for discussion with the non-academic world in order to stimulate innovation and collaboration.

RESEARCH EVALUATION

Each year, the University of Bologna evaluates the results of its research. 598 articles written by researchers from the University of Bologna are to be found in the top 1% of the most cited papers in 20 scientific contexts throughout the world (Thomson Reuters - Highly Cited Threshold; 2006 - September 2016). These amount to almost 2% of the articles produced by the University that are citation indexed in the Web of Science (WoS).

Over 3,000 of the publications in the years 2011/2014 (Elsevier – Scopus - 2016) are classified in the excellent top 10% band.

DISTRIBUTION OF UNIVERSITY PUBLICATIONS IN SCOPUS



FUNDING

12 million EUR to the Departments from the integrated research budget

2 million EUR for basic research

25 million EUR funded by the European Union as part of H2020 + 4,8 million EUR for projects under negotiation

million EUR from MIUR (Ministry of Education Universities and Research) for the SIR projects

million EUR funded by the Emilia-Romagna region (2014-2020 PORFESR Laboratories Call; 1.2 and 1.3 strategic industrial action research projects in the 2011-2013 Energy Plan; Rural Development Plan 14-20 measure 16,1)



EMPLOYMENT STATUS OF PHD STUDENTS

	1 year after PhD	5 year after PhD
Employment status	87.5%	93.5%



RESEARCHER EDUCATION

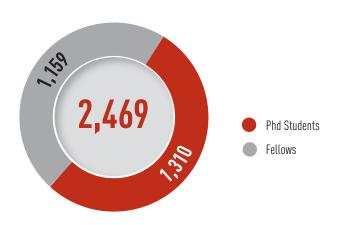
At the University of Bologna, investing in research means investing in young people. About **11 million EUR** a year is invested in doctoral fellowships, with a total of **209 fellowships funded**. In addition, direct funding of facilities and external bodies amounts to about **6 million EUR**, resulting in a further **112 fellowships**.

The University has accredited 41 PhD programme degrees (third cycle programme) for the XXXII cycle (academic year 2015/2016), four of which in agreements with other universities and public and private research bodies, five industrial PhD programmes and ten with contracts with regional agencies for Higher Education apprenticeships.

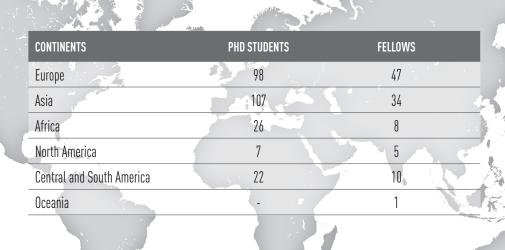


In 2015, 40 co-tutorship agreements (incoming and outgoing) and 3 framework co-supervision agreements were made. Furthermore, the University of Bologna took part in 5 international Erasmus Mundus Action 1 PhD programmes. Cooperation with China (China Scholarship Council) and Brazil (CAPES and CNPq) has continued, with the matriculation of foreign PhD students.

In 2015 (XXXI cycle), over 12% of enrolled PhD students had foreign qualifications. The career placement of PhD graduates continues to achieve positive results. At 1 and 5 years after graduating, 87.5% and 93.5% of those interviewed were employed.



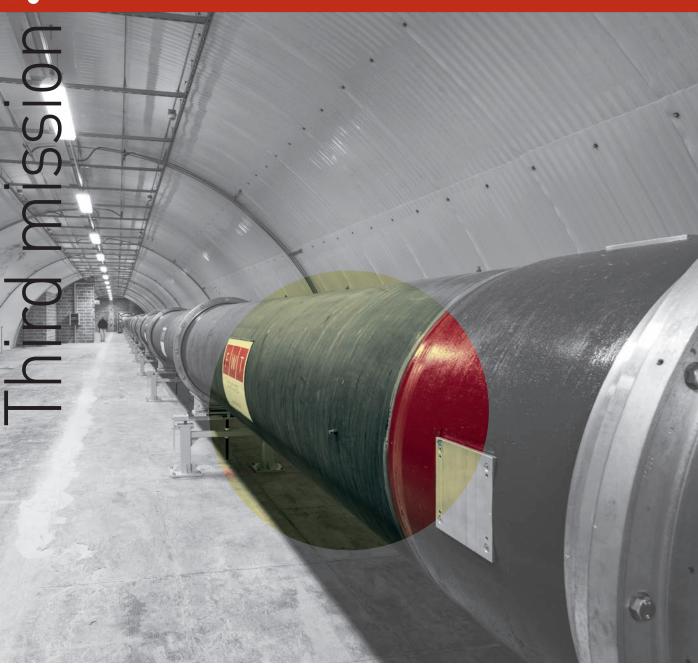
INTERNATIONAL PHD STUDENTS AND FELLOWS



The duty of Alma Mater Studiorum - University of Bologna, a natural place of learning and knowledge, is to interpret and orient the transformations of its times, guaranteeing the elaboration, innovation, transfer and enhancement of knowledge for the benefit of individuals and society.

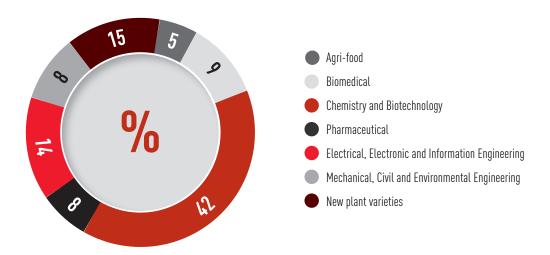
University Statute, Constituent Principles, Art. 1, para. 4





PATENTS AND LICENCES

The University of Bologna filed **37 new patent applications** in 2015, of which **19 are new registrations**, thereby giving rise to an active patent portfolio of over 200 patents related to more than 100 inventions. It also has an active portfolio of **20 patented plant varieties**, 80% of which are increased in value through active licences with geographic coverage in countries in different parts of the world.



SPIN-OFFS

The University of Bologna set up or accredited **15 spin-off companies** between 2013 and 2016. One of these is "Miamed", a company researching into a cure for the CDKL5 disorder, a rare neuro-developmental impairment. The company, an investee of the University in the Almacube incubator scheme, was purchased by the US company Amicus Therapeutics in 2016.

ALMACUBE

Almacube, a business incubator of the University certified by MISE, managed **19 incubated companies** in 2015, including **7 investee spin-offs** that employ approximately 80 people with assets of 2 million EUR.

NEW ENTREPRENEURSHIP INITIATIVES

- **Start up day:** this is a get-together event organised together with SYU Start You Up, a student association for startuppers (students with business ideas) and players (students putting their skills into play for one or more startuppers). During the event, students get the chance to interact with business people, local associations and bodies supporting entrepreneurship and potential institutional investors.
- **PdAI** (Business Start-Up Programme), an advice service for the creation of business teams, run by the Start-You-Up association. The association (formed in March 2016) is actually an entrepreneurial project formulated to provide a service to the University. The PdAI organises team building and coaching for the development of business ideas.
- Unibo Launch Pad: this is an academic accelerator programme, the only one of its kind in Italy, which aims to
 facilitate the creation of businesses by PhD students, fellows, and young researchers with innovative ideas and high
 growth potential.



UNIVERSITY LIBRARY SYSTEM

The Library System is the coordinated set of libraries and facilities that provide bibliographic and documentary services to the University. It comprises **27 libraries** with a total inventory of 4 million volumes and 9,400 journal subscriptions, with over 5,000 workstations for study and research. As well as the standard library services, it also provides access to 666 data banks, 48,656 online periodicals, and 179,058 e-books.

The collections of the University of Bologna Library are priceless, and also include 12,850 manuscripts, including the oldest known complete Torah scroll.

UNIVERSITY MUSEUM NETWORK

A coordinated network of **13 museums** (including the Palazzo Poggi Museum) that protects and promotes the University's historical and artistic assets.

The museum network is involved in public engagement with teaching activities to promote the University's heritage. It is a big encyclopaedia available for the University and the local communities.

FEDERICO ZERI FOUNDATION

The Federico Zeri Foundation is a History of Art research and specialised training centre for the purpose of protecting and spreading the work and figure of Federico Zeri, and preserving and enhancing the value of the scholar's extraordinary legacy: the Art Library owns 46,000 volumes, and 37,000 auction catalogues; the online database of the Zeri Photographic Archives is considered the most important library of stock photos on Italian art with 150,000 images of Painting and Sculpture available free of charge on the Zeri Foundation website.

LUISA FANTI MELLONI FOUNDATION

Promotes research on heart diseases and cardiology.



SOCIAL ENGAGEMENT

Unibo4Refugees. The doors of the University of Bologna are now open to refugee students with the Unibo4Refugees project. In orientation interviews, students get the chance to submit their CVs, find out about the opportunities for study and financial aid and draw up an educational plan for rebuilding their future. Even before obtaining refugee status and without having to pay enrolment fees, students can enrol in single learning activities and attend Italian language courses. Enrolment in degree programmes is made easier thanks to special procedures for checking academic qualifications and admission requirements, obtaining study grants, getting exemption from fees and access to microcredit.



The University takes part in a number of **development cooperation initiatives throughout the world**

PUBLIC ENGAGEMENT

The University of Bologna has strong ties with local communities, as can be seen in the many events (launches, performances, seminars, ceremonies, etc.) promoted and held every year in the towns where the University campuses are located, often organised together with other local organisations.



The European Researchers' Night is an initiative of the European Commission in which researchers from all EU countries meet the public in an evening of science and fun. On 30 September 2016 the University of Bologna took part in an event that happened at the same time in over 250 cities all over Europe, involving more than 100 activities and 300 researchers. The University coordinated the "SOCIETY in Search of Certainty - Interactive Event to Inspire Young People" project, with some of the most important research centres in the area amongst its partners: the National Institute of Geophysics and Volcanology (INGV), the Bologna National Research Council (CNR), the National Institute of Astrophysics (INAF), the Italian Institute of Nuclear Physics (INFN) and the Interuniversity Consortium CINECA – SCAI.

Unijunior is a European communication and knowledge popularization project for children aged 8 to 14 in which University lecturers give free lessons – modelled on academic lectures – on topics related to their teaching and research activities.

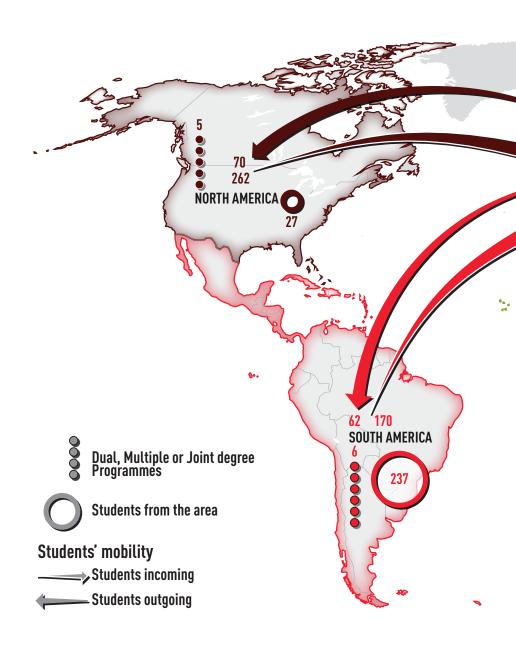
Scienza in Piazza is a science and culture festival promoted each year by the Marino Golinelli Foundation, together with the University, in which exhibitions and laboratories are set up in the courtyard of Palazzo d'Accursio, along with other activities organised by the Palazzo Poggi Museum and university museums.

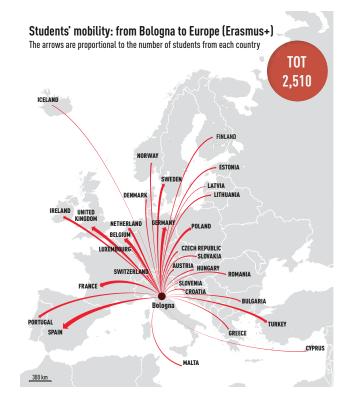
Internationalisation

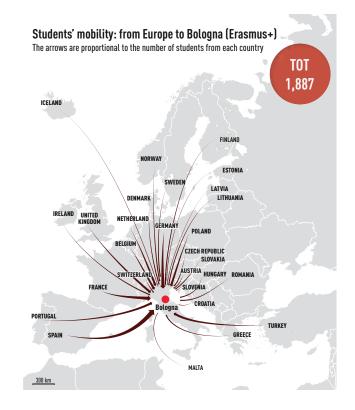
Aware of its own international dimension by history and vocation, this University undertakes to consolidate and increase the internationalisation of its scientific and learning programmes and its organisation. For this purpose, it promotes mobility and cooperation among universities from different countries, dialoguing with the most qualified international scientific and cultural institutions.

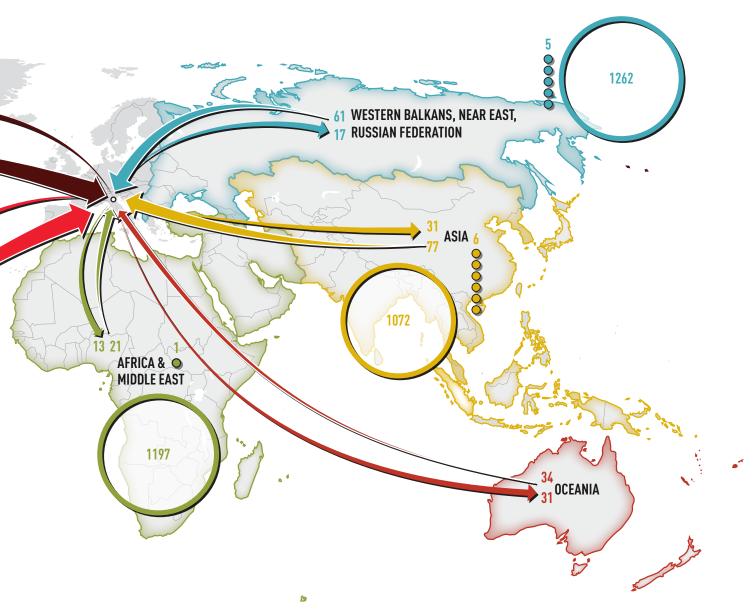
University Statute, Constituent Principles, Art. 1, para. 8



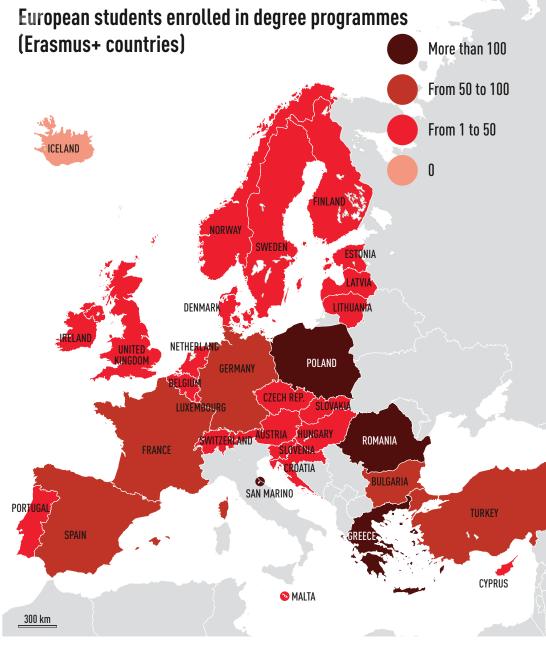












EUROPA

The University of Bologna is ranked first amongst Italian Universities for the number of students abroad and the quantity of funding from Erasmus+, and is amongst the top 5 universities in Europe for the number of exchange students. The Alma Mater also has a series of best practices: a high number of graduates with a mobility experience, a high credit recognition rate, increased language skills and greater international cooperation. The University coordinates and takes part in over 30 education and training projects funded by the European Union, with the primary goal of improving university education through international initiatives such as the building of joint degree programmes, the development of new teaching methods with the use of new technologies and the planning of new curricula that provide students with transversal, social, intercultural and international skills. The overall success rate of the University's Erasmus+ Programme projects is 22%, considerably higher than the success rate of the programme.



NORTH AMERICA

Relations with US universities have been active since the '50s, and with Canadian universities since the early '90s, based a mutual interest in long-term exchange arrangements. The bond with US universities is further strengthened by the presence of US centres in Bologna (Dickinson College, BCSP - Bologna Consortial Studies Program, University of California, E.C.CO.- Eastern College Consortium, Brown University, Bologna Center of Johns Hopkins University - Paul H. Nitze School of Advanced International Studies)

SOUTH AMERICA

Relations with Latin American universities have grown over recent years, especially – but not only – in Brazil. There have been increases in both the number of framework and sector agreements and the number of mobility students. This is also due to an increased number of locations. The University is also active in several European education and training projects promoting relations with Latin American universities: the development of services for disabled students (MUSE), harmonisation of America Centre curricula by means of a shared qualifications framework (HICA), and the strengthening of tools for encouraging international student and professional mobility (Caminos and Recolatin).

AFRICA AND MIDDLE EAST

The University of Bologna is observing academic developments in Africa and the Middle East with a growing interest. In 2016, a capacity building Erasmus+ project (Development and Structuring of BA Courses in Archaeology in Iraq - WALADU) with Iraqi universities was approved, and European exchange projects with Jordanian, Israeli, Senegalese and South African universities were funded. Cooperation initiatives and projects are also active in various countries, such as Tanzania, Palestine, Kenya and Morocco. Capacity building actions are continuing in several South African universities to strengthen their international relations offices (Impala project).

WESTERN BALKANS, NEAR EAST, RUSSIAN FEDERATION

Institutional relations with a number of universities both in the Western Balkans and the Near East, the Caucasus and the Russian Federation are gradually gaining strength, with a growing number of enrolled international students from these countries. In 2016, the University of Bologna obtained more than 200 Erasmus+ scholarships for attracting and sending out lecturers, students and young researchers. The University is also promoting capacity building actions, including the 'Higher Education Interdisciplinary Reform in Tourism Management and Applied Geoinformation Curricula – HERITAGE' project with Armenian and Georgian universities. The Uniadrion network for cooperation between universities on both sides of the Adriatic has been relaunched, to coincide with the creation of the new Adriatic-Ionian Macro-region.

ASIA

Over the past decade the University has strengthened its relations with universities in East and South-East Asia, especially Japan and – above all – China. This has been possible thanks to the creation of the China Association College and the establishment of the Confucius Institute in Bologna. There is also the goal of establishing more solid relationships with Myanmar, India, Singapore, Vietnam and South Korea.

OCEANIA

Most of framework agreements in this region date back to the end of the '90s and the early '00s. The partner universities are highly prominent, and after a decade it can be safely said that relations with them have become consolidated.

The University undertakes to simplify administrative procedures in order to promote access to its research and learning programmes by individuals and institutions from all countries.

The University implements the educational guidelines of International Organisations within its own teaching initiatives.

University Statute, Policy Principles, Art. 2, para. 5

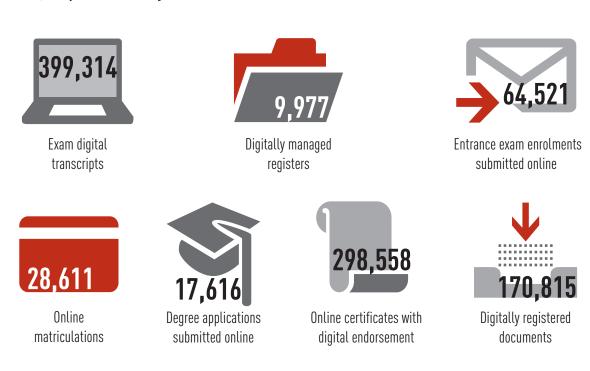


SYSTEMS AND INFRASTRUCTURE

The multi-campus structure of the University of Bologna consists of over 160 locations, interconnected and connected to the Internet with more than 600 km of optic fibre. Students and staff can also connect to the network through more than 1,100 wireless network access points. The two server farms, with **over 520 virtual servers** and 1 petabyte (1,000,000 gigabytes) of disk space, provide support to **134,072 institutional mailboxes** that handle a total of **45 million email messages a year**. The network and video conferencing service (a total of 2,948 hours) have enabled working connections between personnel on the different campuses, with a consequent reduction in the economic and environmental impact of movements within the university.

DIGITISATION AND DEMATERIALISATION

The University of Bologna continues to make substantial investments in the digitisation of its procedures and documents, not only to increase the efficiency and speed but also to enhance dematerialisation and the reduction of environmental impacts. The administrative activities of the students are recorded digitally from the very beginning, from entrance exams and matriculation right through to digital degree procedures. The most recent action has been the dematerialisation of teaching evaluation questionnaires, so that the printing, distribution and digitalisation of over **270,000 questionnaires a year can be eliminated**.



WEB E SOCIAL MEDIA

The University's web presence has always been one of the most prominent in the entire Italian public administration scenario. The University continues to expand its visibility on the web by providing students and staff with Internet and Intranet tools for creating content and benefiting from new services. The University is also strengthening its institutional communication capability on the social media in order to more effectively reach students, staff and citizens. This is why, in 2016, new institutional channels were opened on Facebook and Instagram to join the already existing Twitter, Youtube and Linkedin channels.



The University undertakes to disseminate information and the best practices for health and safety in the workplace, in order to enhance the culture of prevention, including through specific learning activities addressed to personnel and students alike.

University Statute, Policy Principles, Art. 2.7, para. b





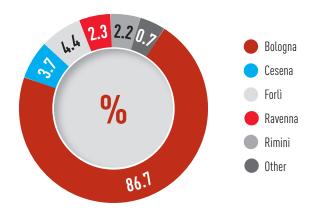
CONSTRUCTION - THE MULTI-CAMPUS MODEL

The University of Bologna is the product of a conceptual model that is unique both in Italy and abroad. Its roots lie in places and a process that are an indissoluble element of its actual nature. As stated in the Project Mandate, the University consists of **14 building complexes**, 7 in Bologna and the rest scattered around the Emilia-Romagna region in relation to specific local characteristics: Bologna (Historic Citadel, Filippo Re, Morassutti, Sant'Orsola, Risorgimento, Bertalìa, Battiferro, Fanin), Ozzano dell'Emilia, Imola, Ravenna, Forlì, Cesena and Rimini.

The model on which this modern arrangement is based is best described as **multi-campus**, or rather, a multi-centre structure in which the different vocations of the various social contexts of which the University is a part are combined. The University, which covers a surface area of 1,150,721.63 square metres, has a development and consolidation plan that continues to be implemented on the various sites.

GEOGRAPHICAL DISTRIBUTION OF BUILDINGS

The data refer to the indoor surface area of the buildings and do not include outdoor areas.



WORKS IN PROGRESS	USE	TOTAL (MLN EUR)	AREA (MQ)
Navile district complex	Departments of: Chemistry "Giacomo Ciamician" Industrial Chemistry "Toso Montanari", Pharmacy and Biotechnologies, Physics and Astronomy (in partnership with the National Astrophysics Institute), Astronomical Observatory	100	40,000
Students' residences and university buildings in the "former Lazzaretto Bertalia" area, Bologna.	Department of Industrial Engineering, 2 students' residences (380 accommodation units),1 services building (classrooms, laboratories and students' area)	28,5	12,500
Upgrading of the "former Croce Rossa", Bologna	Classrooms and students' residence	3	2,000
New campus for the School of Engineering and Architecture, Cesena ("former Zuccherificio")	School of Engineering and Architecture, Departments of: Architecture, Electricity and Information Engineering "Guglielmo Marconi", Computer Science - Science and Engineering	30	15,000
Renewal of the Sauli Saffi Pavilion, Forlì	Teaching classrooms	2	1,000
Renewal of the Leon Battista Alberti complex (Buildings 2.6 and 2.7), Rimini	School of Economy, Management and Statistics (Classrooms and lecturer studies)	8	2,500
New classroom block at the Via Sant'Alberto site, Ravenna	8 new classrooms and lecturer studies of the School of Sciences, Department of Biological, Geological and Environmental Sciences	1,5	1,200
TOTAL		173	74,200



SUSTAINABLE UNIBO

The University of Bologna's commitment to investing in sustainable development, as stated in the "Unibo Sostenibile" plan, consists in promoting, planning and carrying out actions and projects aimed at harmonising the relationship between space, environment and people into a concrete reality. The actions taken to disseminate a culture of sustainability follow four main lines: energy, sustainable mobility, environmental sustainability and personal well-being.



With the aim of reducing the environmental impact generated by the University and improving the quality of life in the university areas, the actions are devised to encourage local improvement, guarantee the protection and renewal of natural resources, promote the improvement of social wellbeing conditions and encourage increasingly responsible lifestyles.

All these actions are taken with the involvement of the university community and the collaboration of local stakeholders and integrated on a multi-campus scale.

The **Sustainable Multi-campus project** falls within this framework. This building development and environmental protection programme serves as a sustainable community model.

It covers four themes:

- Space Sites, green areas, developed property and new works
- Consumption Water, waste, soil and energy
- Mobility Intermodality, cost-effectiveness and speed
- Protection Health, care and maintenance, safety and optimisation

THE ACTION

The actions envisaged are aimed at improving behaviours, practices and techniques:



Mobility solutions and incentives for using sustainable means of transport directed at students and staff



Reduced ecological footprint of the University



Increased use of renewable sources for producing energy



Electrical conversion of company vehicles



Reduced operating costs of areas



Care for the built-up environment



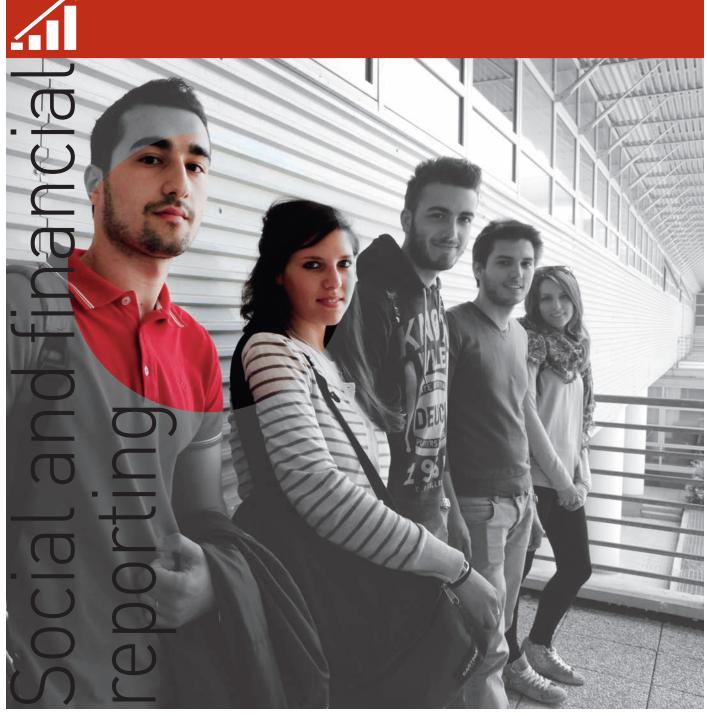
Environmental protection of the sites



Upgrading and new design of park areas

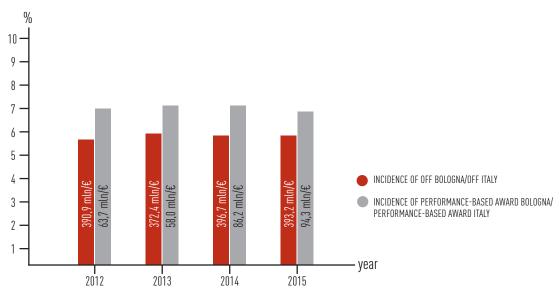
The autonomy of the University - principle and expression of the university community - is expressed in regulative, organisational, financial and managerial terms, in conformity with the Italian law and this Statute. The autonomy of the University is a guarantee of the freedom of learning, teaching and research.

University Statute, Constituent Principles, Art. 1, para. 6



2016 BUDGET - CLASSIFICATION OF EXPENDITURE FOR MISSIONS AND PROGRAMMES			
MISSIONS	PROGRAMMES	AMOUNT	% ON TOTAL
RESEARCH AND INNOVATION	Scientific research and basic technology + Scientific research and applied technology	275,515,406	34.6
UNIVERSITY EDUCATION	University system and postgraduate studies + Right to higher university education	265,104,929	33.3
PROTECTION OF HEALTH	Health care + Veterinary care	13,995,826	1.8
INSTITUTIONAL/GENERAL SERVICES OF PUBLIC ADMINISTRATIONS	Policy + General services and affairs for administrations	240,582,386	30.3
TOTAL		795,228,548	100.0

ORDINARY FUND (OFF) (MLN EUR): 2012-2015 TREND AND % OF TOTAL



The efficient administration of financial resources, the optimisation of the organisation and management models, and the strategic vision of the Academic Bodies have ensured the quality and continuity of the institutional functions of the University in an overall situation where resources are lower: research, teaching, student services and internationalisation.

PERCENTAGE OF EXPENSE FOR PERSONNEL				
YEAR	BOLOGNA	AVERAGE OF LARGE UNIVERSITIES		
2013	68.3%	73.0%		
2014	66.5%	70.8%		
2015	65.7%	69.8%		

The positive value of the indicator that measures financial sustainability (isef = 1,2, positive in that it is higher than 1, the legal limit) together with the percentage of personnel expense (within legal limits by 80%) have placed the University at the top of the list in assignment of 2016 resources for personnel recruitment and career advancements.

In 2015, the University rationalised operating costs with a total reduction of 8,67% compared to 2014.

OPERATING COSTS	REDUCTION IN 2015 COMPARED TO 2014
PURCHASE OF CONSUMER GOODS AND SERVICES	↓ -9.60%
MAINTENANCE AND MANAGEMENT	↓ -8.16%
UTILITIES AND RENTALS	↓ -9.82%
USE OF THIRD PARTY ASSETS	↓ -10.39%



SOCIAL RESPONSIBILITY REPORT

The 2015 Social Responsibility Report, the fourth to be produced by the University, aims to respond to a duty of transparency towards society, to promote informed dialogue with all internal and external interlocutors, represent the enormous intellectual and human capital operating within and around the Alma Mater community.



The document contains an **integral account of the University's activities and dynamics focused not only on economic sustainability but also social and environmental sustainability**. The wealth of disaggregated information and data in the report, including geographical data, regarding all the multi-campus sites and aims to stimulate dialogue with the institutions and economic and social organisations that cooperate with the University in the different areas in which the University is located.

The University of Bologna, with a multi-campus presence in five different cities in the Emilia Romagna region (Bologna, Cesena, Forlì, Ravenna and Rimini), is a central institutional actor in the politics of local development. The communication processes activated by the Social Responsibility Report open up opportunities for discussion and exchange between universities, municipalities, regions, health authorities, businesses, and non-profit organisations, thus making it an important document for reflection and self-analysis, written by an institution that passionately believes in development obtained by means of daily dialogue and debate between all those either intrinsically involved in – or interested observers of – the essence and dynamics of transformation.

The roots of the University of Bologna's identity lie in its past, and it is marked by being a place of innovation, elaboration and transmission of knowledge and learning, in a context which is internationally inclusive, open to intercultural dialogue and attentive to the problems of society, especially those of sustainability, which – as stated in **the UN Sustainable Development Goals** – the countries of the world have pledged to achieve by the year 2030.

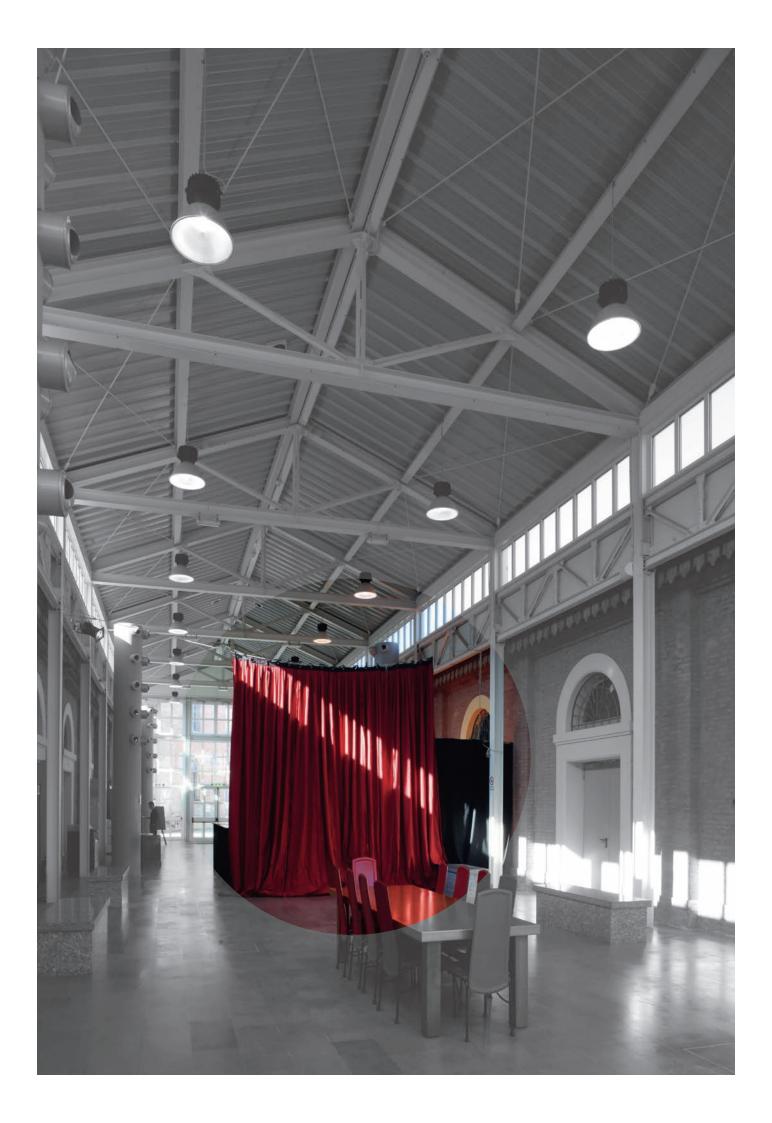
Each year, the Social Responsibility Report summarises the resources, activities, results and impacts of the teaching, research and outreach, providing community stakeholders with an interpretative key to the institutional commitment of the University of Bologna in the light of the mission, values and development vision that have moulded its identity.

The Social Responsibility Report of the University of Bologna is the result of institutional mechanisms that are more and more open, shared and participated in, with the involvement of all the major categories of stakeholders both during its drafting (internal offices, semi-structured interviews with interlocutors, distribution of questionnaires, preliminary discussions on the document) and during its formal approval (Student Council, Technical and Administrative Staff Council, Sponsors' Committee, Academic Senate). According to the rules of the Statute, this process culminates with approval of the document by the Board of Governors of the University.

The Social Responsibility Report takes into account the pillars on which the University of Bologna's identity is based and actively relates them to the strategic priorities that lie at the heart of the mission, values and development vision outlined in the University Strategic Plan. The report presents itself as a stratified x-ray image of the University organisation, containing a complex mapping of a community of the approximately 90,000 subjects who, together, contribute to the life of an institution whose set goal is to advance knowledge, observe the rules and professional behaviour, and interpret the needs connected with the variety of areas in which the University moves, from research and transfer of knowledge to the analysis of the present day and relating with the other local institutions.







Data updated to 31/8/2016

Publishing project

© Alma Mater Studiorum – University of Bologna Thanks to all the General Administration divisions that contributed to the drafting of this document.

Design

AA.GG.- Contracts and General Administration Division Communications Unit

Photos

© University Image Bank

Printing

ACM spa



ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

www.unibo.it/en







