

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

2019/20



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

AEDES ATHENAEO ADDICTA
ET AD PRISTINUM SPLENDOREM ARTIBUS
DISCIPLINISQUE PROVEHENDIS RESTITUTA
FABIO ROVERSI MONACO RECTORE
A.D. MCMLXXXVIII
ARCHITECTUS ROBERTO SCANNAVINI



CONTENTS



NINE CENTURIES OF HISTORY	5
MULTI-CAMPUS UNIVERSITY	7
STUDENTS.....	13
HUMAN RESOURCES	17
EDUCATION	21
RESEARCH	25
THIRD MISSION	29
INTERNATIONALISATION.....	35
DIGITAL TECHNOLOGIES.....	39
SUSTAINABILITY	41
CONSTRUCTION AND FINANCIAL REPORTING	43

NINE CENTURIES OF HISTORY



20th ANNIVERSARY OF THE BOLOGNA PROCESS

The event was attended by 200 Rectors and over 1,000 professors, students and researchers from over 70 countries, along with representatives from various ministries and international organisations. It was a big event to outline a new vision of the university of the future.

2019

THE UNIVERSITY LOOKS TO THE FUTURE

In order to implement a planning process for tackling the challenges posed by contemporary reality, particularly in relation to sustainable development, the University integrates its strategic planning with a re-reading of the 17 basic sustainable development goals as proposed by the 2030 Agenda adopted by the UN General Assembly.

2016

1999 BOLOGNA PROCESS

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

1999

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 to confirm the value and autonomy of universities.

1988

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.

20th
CENTURY

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.

1888

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. The University sends and attracts scientists and scholars, creating an increasingly broad network of relations.

16th-18th
CENTURY

BROADENING THE HORIZONS OF KNOWLEDGE

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.

14th-15th
CENTURY

ONE CITY, MANY NATIONS

The University bears witness to its nature as an international community with over 2,000 students from all across Italy and Europe. The University fights to maintain its autonomy against all outside interference.

13th
CENTURY

FREEDOM OF RESEARCH

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

12th
CENTURY

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

MULTI-CAMPUS UNIVERSITY



UNIVERSITY GOVERNING 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.

5 SCHOOLS

- Arts, Humanities, and Cultural Heritage
- Economics and Management
- Engineering
- Medicine
- Science

32 DEPARTMENTS

Medicine

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

Science

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

Social Studies

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

Technology

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

RESEARCH AND TRAINING CENTRES

- Experimental Farm: supporting research and experimentation by relevant Departments since 1974.
- Public Sector Research and Training Centre: Specialisation School for Public Administration Studies, European School of Advanced Fiscal Studies, Advanced School for Health Policy, High School for Legal Studies, Specialisation School for Legal Professions “Enrico Redenti”.
- “Ercole De Castro” Advanced Research Center 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 and Law.
- “Giorgio Prodi” Interdepartmental Cancer Research Centre.
- L. Galvani” Interdepartmental Research Centre for Integrative Studies in Bioinformatics, Biophysics and Biocomplexity.
- Interdepartmental Research Centre for Environmental Sciences.
- Centre for Applied Biomedical Research.
- Advanced School of Studies on the City and Territory.

INTERDEPARTMENTAL INDUSTRIAL RESEARCH CENTRES

- Aerospace
- Agri-food
- Building and Construction
- Renewable Resources, Environment, Sea and Energy - FRAME
- ICT
- Advanced Mechanics and Materials
- Health Science and Technology

LIVING VALUES: THIS PROJECT ENGAGES THE COMMUNITY OF THE UNIVERSITY OF BOLOGNA ON VALUES OF THE MAGNA CHARTA

The Living Values project, promoted by the Magna Charta Observatory, helps institutions reflect on their distinctive values and to redefine their mission in response to current challenges. The University supports the initiative of the Magna Charta Observatory, which involves teachers, students and the technical and administrative staff in an analysis of the fundamental values of our academic community in order to identify that which makes us unique. The discussion concluded with the definition of a common approach based on five core values: Critical Thinking, Integrity, Engagement, Cooperation, and Responsibility.

LIBRARIES, MUSEUMS AND HISTORICAL ARCHIVE

University Library System
Bologna University Library and Historical Archive
University Museum Network

UNIVERSITY CENTRES

University Language Centre
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

 Education Innovation Centre

ISTITUTO DI STUDI SUPERIORI (INSTITUTE FOR HIGHER STUDIES)

- Collegio superiore
- *Istituto di Studi avanzati* (Institute of Advanced Studies)

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.

ALMA MATER ADOPTION OF THE UN 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

With a view to meeting the challenges imposed by modern society and directing all our institutional activities towards the pursuit of sustainable development, the University planning and reporting processes, which document our objectives, activities and results, now take full account of the 17 sustainable development goals proposed in the 2030 Agenda adopted by the General Assembly of the United Nations.

The University's review of its objectives in light of the aforementioned 17 sustainable development goals and the 169 related targets proposed in the UN's 2030 Agenda is testament to its commitment to the pursuit of sustainable development. This review was taken into account in the University's 2016-2018 Strategic Plan with the relative objectives also confirmed for the Strategic Plan for the 2019-2021 period.

In this way, while describing the strategic vision that will guide the University of Bologna throughout the 2019-2021 period, the Plan also clarifies how the future institutional activities of the University will contribute to achieving a world that is more sustainable for everyone.

Additionally, in order to monitor systematically the impact of the various University activities in terms of their sustainability, commencing from 2016 the University has adopted an additional annual reporting tool (Report on U.N. Sustainable Development Goals), which outlines the direct and indirect impact of the University of Bologna in terms of learning, research, third mission, and institution, with a view to contributing to the pursuit of the 17 Sustainable Development Goals proposed by the UN.

Alongside the planning and reporting tools, the *Almagoals* project, which envisages multichannel communication on sustainability issues, has been set up with a view to raising awareness among the academic community and international stakeholders.



CESENA CAMPUS | VOCATION

- AGRICULTURE AND FOOD
- ARCHITECTURE AND PSYCHOLOGY
- ICT AND BIOENGINEERING

Schools

- Engineering

Department and Departmental Local Organizational Units (U.O.S.)

- Architecture (Department and U.O.S.)
- U.O.S. Informatics – Science and Engineering
- U.O.S. Electrical, Electronic, and Information Engineering “Guglielmo Marconi”
- U.O.S. Psychology
- U.O.S. Agricultural and Food Sciences
- U.O.S. Veterinary Medical Sciences

Other academic structures

- Interdepartmental Industrial Research Centre - Agrifood
- Interdepartmental Industrial Research Centre - ICT
- Interdepartmental Industrial Research Centre - Health Science and Technology

FORLÌ CAMPUS | VOCATION

- SOCIAL AND INTERNATIONAL SCIENCES
- LINGUISTICS AND INTERCULTURAL STUDIES
- AEROSPACE ENGINEERING

Schools

- Economics and Management

Department and Departmental Local Organizational Units (U.O.S.)

- Department of Management
- Department of Interpreting and Translation
- U.O.S. Industrial Engineering
- U.O.S. Economics
- U.O.S. Sociology and Business Law
- U.O.S. Political and Social Sciences

Other academic structures

- Interdepartmental Industrial Research Centre - Aerospace

RAVENNA CAMPUS | VOCATION

- ENVIROMENT AND SEA
- CULTURAL HERITAGE
- RIGHTS

Schools

- Arts, Humanities, and Cultural Heritage

Department and Departmental Local Organizational Units (U.O.S.)

- Department Cultural Heritage
- U.O.S. Industrial Chemistry “Toso Montanari”(Faenza)
- U.O.S. History and Cultures
- U.O.S. Biological, Geological, and Environmental Sciences
- U.O.S. Legal Studies
- U.O.S. Chemistry “Giacomo Ciamician”

Other academic structures

- Interdepartmental Research Centre for Environmental Sciences
- Interdepartmental Industrial Research Centre-Renewable Resources, Environment, Sea and Energy - FRAME
- Advanced School of Studies on the City and Territory

RIMINI CAMPUS | VOCATION

- WELLNESS AND SUSTAINABLE DEVELOPMENT
- TOURISM AND FASHION
- SERVICES FOR PEOPLE, BUSINESS AND ENVIRONMENT

Schools

- Economics and Management

Department and Departmental Local Organizational Units (U.O.S.)

- Department of Management
- Department For Life Quality Studies
- U.O.S. Industrial Chemistry “Toso Montanari”
- U.O.S. Economics
- U.O.S. Statistical Sciences “Paolo Fortunati”

Other academic structures

- Centre for Advanced Studies in Tourism

REPRESENTACION EN LA REPUBLICA ARGENTINA

The site in Argentina, which represents the Alma Mater Studiorum - Università di Bologna in all of Latin America (1998), provides a space for discussion of the processes of political and economic integration between Europe and Latin America. The Representacion en la Republica Argentina site facilitates exchange activities between students, teachers, researchers, public servants and private entrepreneurs and offers First Cycle Degree and postgraduate degree programmes.

BRUSSELS - UNA EUROPA (EUROPEAN UNIVERSITY ALLIANCE)

UNA Europa, an alliance of eight prestigious European universities, seeks to take a further step towards the creation of an integrated, multilingual, and multidisciplinary academic area in Europe, based on the underlying values of interconnectivity, inclusiveness, innovation and internationalisation.

The University’s site in Brussels has been set up with the aim of developing joint activities and is an operational point of contact for facilitating implementation of the activities, projects and initiatives of the universities in the network.

SICES (SINO-ITALIAN CENTRE FOR SUSTAINABILITY) IN SHANGHAI

In 2018, on the initiative of the Italian Ministry for Environment, Land and Sea Protection, the SICES Centre was set up in the Yunchuo building at Tongji University, involving the participation of several Italian universities that are part of the initiative. SICES provides an opportunity to establish new and more balanced relations with China, in constant contact with the Italian Embassy in Beijing and the Consulate General of Italy in Shanghai, on matters related to environmental sustainability.

THE UNIVERSITY OF BOLOGNA IN NEW YORK

Following an agreement between the Alma Mater, the “Federico II” University of Naples and the Sapienza University of Rome, the University of Bologna opened a branch at the Tata Innovation Center - Cornell TECH - in New York. The aim of this shared space is to develop teaching, entrepreneurial training, scientific cooperation, technology transfer and alumni networking activities, as well as to promote activities of common interest together with the Italian Universities involved in the agreement.

STUDENTS

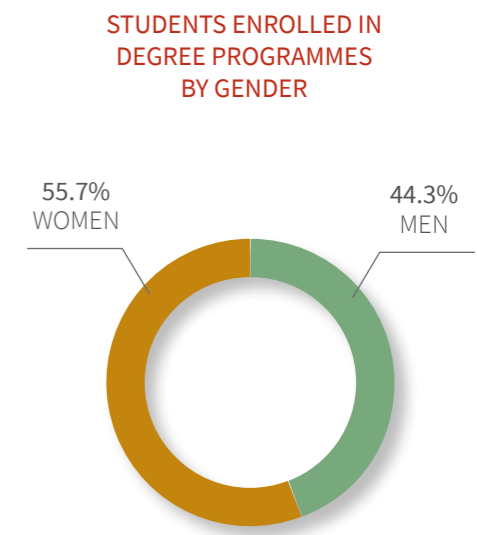
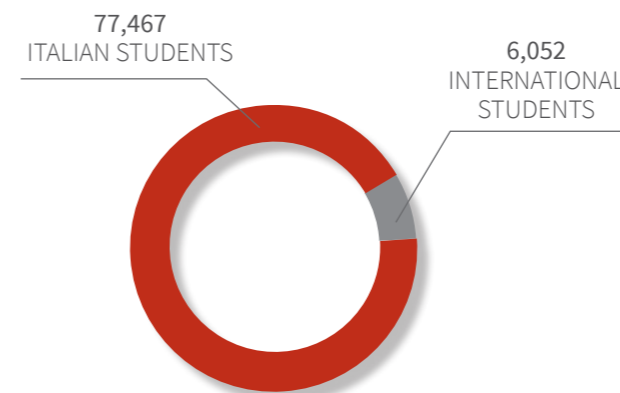
A.Y. 2018/2019



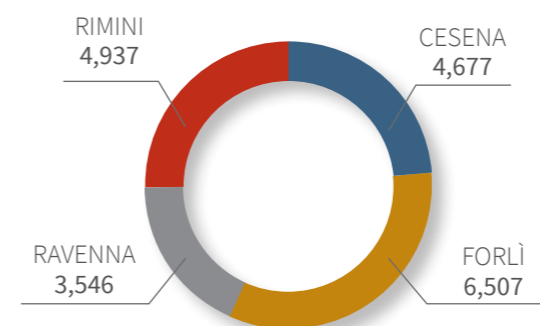
TOTAL NUMBER OF STUDENTS ENROLLED
87,758

OF WHICH INTERNATIONAL STUDENTS
6,484

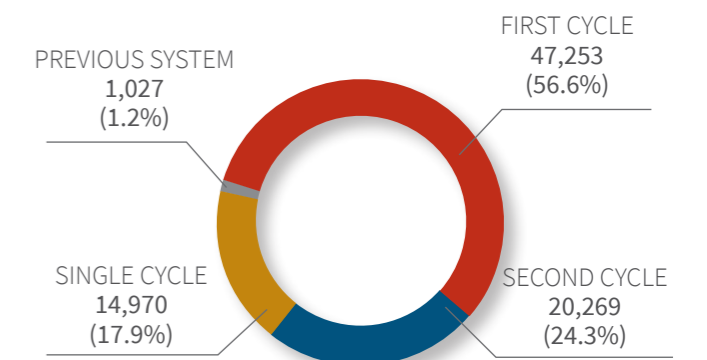
STUDENTS ENROLLED IN DEGREE PROGRAMMES
 (FIRST CYCLE, SECOND CYCLE, SINGLE CYCLE PROGRAMMES
 AND DEGREE PROGRAMMES UNDER
 THE PREVIOUS DEGREE SYSTEM): **83,519**



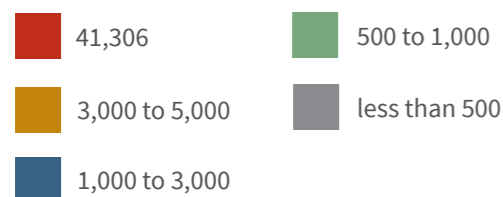
TOTAL NUMBER OF STUDENTS IN THE ROMAGNA
 CAMPUSES: **19,667 (22.4%)**



ENROLMENTS BY DEGREE PROGRAMMES



REGION OF ORIGIN OF ITALIAN STUDENTS ENROLLED IN DEGREE COURSES



OVERALL STUDENTS SATISFACTION*

Students are generally satisfied with their degree programmes	Alma Mater	Mega Universities	Italy
	90%	88%	89%

EMPLOYMENT STATUS OF 1ST CYCLE DEGREE 2017 GRADUATES 1 YEAR AFTER GRADUATION*

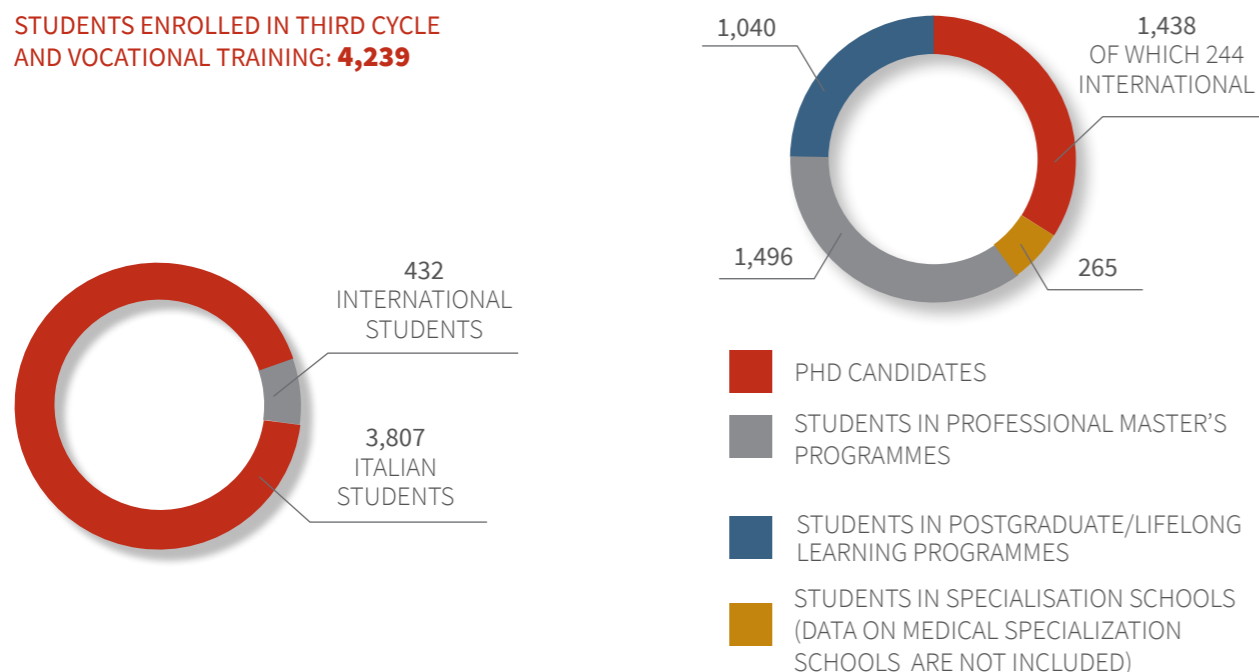
	Alma Mater	Italy
Either employed or unemployed and not seeking for work	88%	84%

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

		2017 graduates 1 year after graduation	2015 graduates 3 years after graduation	2013 graduates 5 years after graduation
Either employed or unemployed and not seeking for work	Alma Mater	82%	90%	92%
	Italy	78%	87%	90%

* Source: AlmaLaurea

STUDENTS ENROLLED IN THIRD CYCLE AND VOCATIONAL TRAINING: 4,239



STUDENT SERVICES

- Incoming and outgoing guidance
- Job Placement
- Libraries and study rooms with extended opening hours also at the weekend equipped with computer stations and Internet wifi
- Cultural opportunities offered by public facilities in agreement with the University and also by the student association
- Services for students with disabilities and specific learning disorders and assistive technology laboratories
- Psychological services
- Public transport passes and discounts
- Sporting activities, tournaments, courses and initiatives aimed at promoting a culture of physical fitness and well-being through the CUSB (Bologna University Sports Centre)
- Helpdesk for rental contract advice and registration
- Helpdesk for international students
- Advice and support for international students in relation to assessment of qualifications, obtaining study grants, immigration procedures and healthcare
- Service for the issue of a social security number for international students

RIGHT TO HIGHER EDUCATION


All students pay based on their ISEE (equivalent financial situation index). Full exemption is granted for ISEE values up to €23,000.00. Above this threshold, the tuition fee increases proportionally to the ISEE value, with special subsidies for the lowest incomes. Students have access to a wide range of economic benefits, based on merit and/or income.

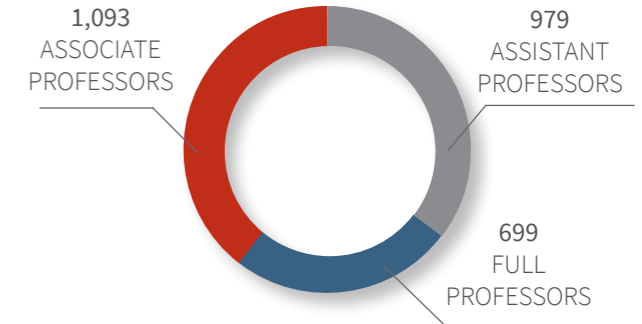
- 12,578** ER-GO (Emilia-Romagna regional service for the right to Higher Education) study grants with full exemption from tuition fees.
- 2,631** study grants for part time collaborations within university services
- 1,831** ER-GO accommodation places
- 400** Student support service grants
- 303** Merit-based scholarships

- 100** Grants for students in underprivileged situations.
- 20,990** total exemptions from tuition fees (including the exemptions of those entitled to ER.GO study grants and those deriving from the new structure of the student fees system).
- 18,508** partial exemptions from tuition fees deriving from the new structure of the student fees system.



HUMAN RESOURCES

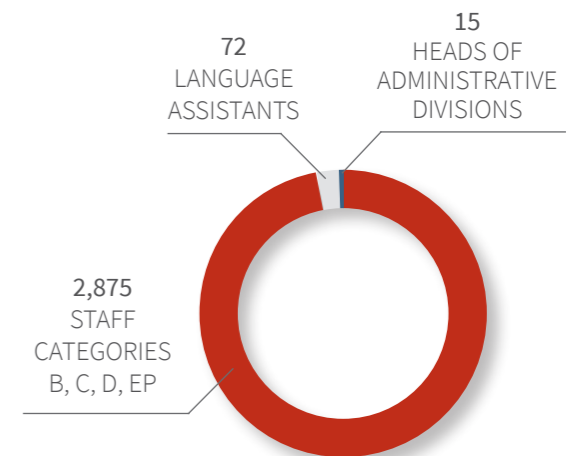
 **TEACHING STAFF**
2,771



PROFESSORS: 2018 RECRUITMENT PROCEDURES IN PROGRESS OR ALREADY COMPLETED

- 162** ASSISTANT PROFESSORS (FIXED TERM)
- 1** ASSISTANT PROFESSORS
- 136** ASSOCIATE PROFESSORS
- 78** FULL PROFESSORS

 **TECHNICAL-ADMINISTRATIVE STAFF**
2,962



ROMAGNA CAMPUSES PERSONNEL

 **TEACHING STAFF**

- 204** CESENA
- 207** FORLÌ
- 174** RAVENNA
- 154** RIMINI

 **TECHNICAL-ADMINISTRATIVE STAFF**

- 106** CESENA
- 149** FORLÌ
- 85** RAVENNA
- 104** RIMINI

PERSONNEL TRAINING

Professional training is a fundamental tool for improving the quality of the services provided. A total of 3,859 hours of training were provided in 2018 and 2,457 persons were trained. Overall, 53% of technical-administrative staff has attended at least one training or professional refresher course. The University continued to invest in health and safety during 2018, partly by strengthening the e-learning component; this targeted, in particular, those workers who have traditionally benefited less from the investment in training. The training provided to full professors, assistant professors and other types of worker (research fellows, PhD students on the staff etc.) has involved the 20% of the persons trained during 2018.

ADVANCED TRAINING PROJECTS

The University supports the involvement of personnel in Advanced Training initiatives, as they are considered to represent tangible motivational and growth opportunities. During the 2018-2019 A.Y., 62 members of the technical-administrative staff were enrolled on University degree programmes. In addition, from 2006 to date, 263 persons have benefited from international mobility grants and, of these, 56 did internships in non-European environments. Furthermore, Master's degree or advanced programmes were funded for 53 members of staff.

DISABILITIES

The University dedicates special attention to persons with special needs or faced with difficulties and, drawing on support from political leaders, has promoted initiatives for their inclusion for many years. Among these, creation of the Inclusion and Job Protection Office is a prime example.

The objective of this office is to facilitate targeted placements over the working lives of personnel, while also taking action to protect individuals, manage conflict and crisis situations, assist with the supply of aid etc. Alongside this, the policy of the University is to increase awareness in working environments and create a network of collaboration in order to implement a multi-modal approach to problematic situations.

The University also complies with the regulatory requirements regarding the right to work of persons with special needs (7% of recruitment is reserved for persons with disabilities, while 1% is reserved for other protected categories).

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

Founded by the University at the end of 2013 and operational from January 2014, the CUG works actively on the development of an equal opportunities culture, the promotion of well-being at work and measures against discrimination in the workplace. In 2018, the Committee approved the positive action plan for 2018-2021, covering training, awareness and communication measures, the further protection and assurance of equal opportunities, and the promotion of employee well-being and a proper work-life balance. The Committee also seeks to activate and facilitate the work of all those University roles and bodies that seek to eliminate discrimination and improve wellness at work. Via H2020 PLOTINA, a European project coordinated by Alma Mater, the CUG promoted the publication and approval of a Gender Equality Plan (GEP 2016-20) in 2016 that it continued to monitor and promote throughout 2019.

GENDER EQUALITY REPORT

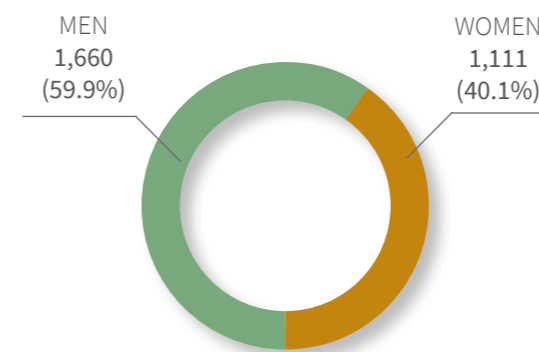
The University's annual reporting cycle now includes a Gender Equality Report with the aim of identifying areas where inequalities still exist and monitoring the effects of policies, measures and affirmative actions implemented by the University to promote equal opportunities.

Introduced last year, the UGII (University Gender Inequality Index) allows us to estimate, as a single value, the University gender gap with respect to theoretical perfect parity.

There is still considerable resistance to change with regard to gender inequalities, mainly due to the influence of unconscious stereotypes. It is essential, therefore, to ensure that attention remains focused on this Equality initiative, which reflects issues and trends that can be observed on a worldwide scale and which indicate that significant discrimination in the workplace still exists. This commitment to equality will be required from the new generations of students and teachers as well as the bodies of the University that make decisions in the area of science and technology, where women are almost alarmingly under represented, and in the area of humanities and health and social care where, conversely, there is a shortage of men. It is only by getting the whole community on board with the idea of profound cultural change that we can take the necessary step to improve this University and our country as a whole.



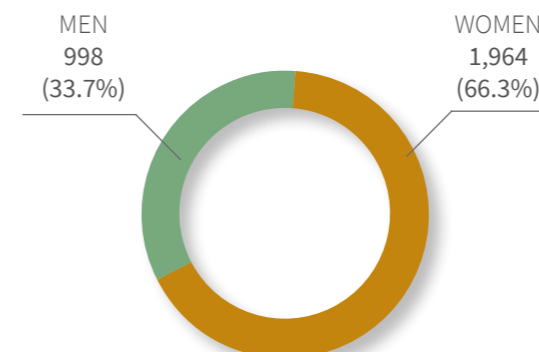
TEACHING STAFF



	MEN	WOMEN
FULL PROFESSORS	520 (74.4%)	179 (25.6%)
ASSOCIATE PROFESSORS	624 (57.1%)	469 (42.9%)
ASSISTANT PROFESSORS	516 (52.7%)	463 (47.3%)



TECHNICAL-ADMINISTRATIVE STAFF





EDUCATION

A.Y. 2019/2020

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.

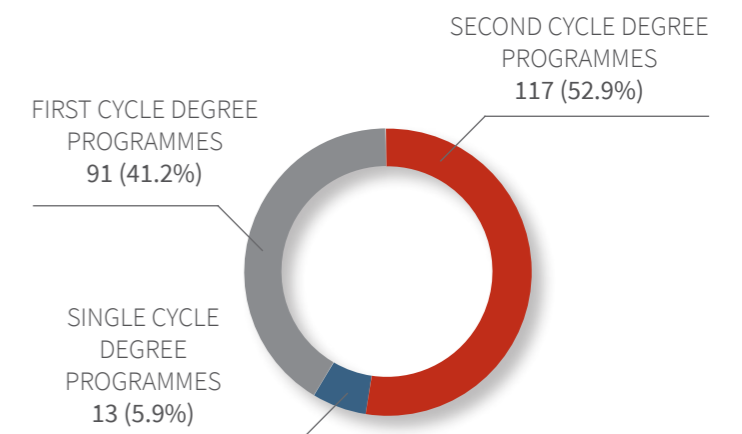


DEGREE PROGRAMMES (A.Y. 2019/2020)

221

OF WHICH 78 INTERNATIONAL

- 42** TAUGHT IN ENGLISH
- 20** TAUGHT IN ENGLISH GIVING DUAL OR MULTIPLE DEGREES
- 16** TAUGHT IN ITALIAN GIVING DUAL OR MULTIPLE DEGREES



PROGRAMME CATALOGUE A.Y. 2019/2020 BY CAMPUS

CAMPUS	FIRST CYCLE DEGREE PROGRAMMES	SECOND CYCLE DEGREE PROGRAMMES	SINGLE CYCLE DEGREE PROGRAMMES	TOTAL
BOLOGNA	63	80	9	152
CESENA	7	8	1	16
FORLÌ	6	12	0	18
RAVENNA	7	8	2	17
RIMINI	8	9	1	18
TOTAL	91	117	13	221

THE UNIVERSITY LANGUAGE CENTRE (CLA)

The University Language Centre promotes language learning through courses aimed at university students, international exchange students and university staff. It offers languages courses in Arabic, French, English, Spanish and German as well as Italian courses for international students. It supports students in preparing to take the language tests required as part of their programme of study and administers said tests. It also organises language proficiency tests for exchange programmes in collaboration with the International Relations Department. The CLA has also developed the AlmaEnglish project: classroom learning in English in order to achieve international certification free of charge. The academic year 2019/2020 saw the inauguration of CLA Academics, a project aimed at teachers, researchers, research fellows and PhD students who wish to improve their English language skills.

ALMA MATHEMATICA

This project offers courses and online resources to help students prepare for the entrance test which requires basic mathematics skills, or to help them improve their maths in order to meet any Additional Learning Requirements.

FLEXIBLE LEARNING (PART-TIME STUDENTS)

Students enrolled on a first- or second-cycle degree programme (excluding certain specific programmes) may extend the duration of their studies, taking longer than usual to complete the programme without being considered “fuori corso” (past the envisaged completion time for the degree programme). In practice this means that students may take two years to complete the learning activities usually completed in one year.

“DUAL-CAREER” PATH - “STUDENT-ATHLETE” STATUS

Open to gifted athletes, this path offers certain benefits to students so as to allow them to combine their studies with their sporting careers.

TRANSFERABLE SKILLS

In addition to the subject knowledge gained from their degree, the University’s Centre for Teaching and Learning Innovation offers students the opportunity to develop the transferable skills that are essential for success in the world of work. Based on the European

Union model, the University has identified the key skills for personal fulfilment and development, for active citizenship, social inclusion and employment. In the academic year 2019/2020, students can choose from 53 lessons covering a wide range of skills including business, IT, language, communications and managerial skills and there are 2,735 places available.

INSTITUTE FOR HIGHER STUDIES

A centre for international and interdisciplinary excellence, where University and other residents engaged in studies and research meet and interact with professors, researchers and students for the benefit of all. It belongs to various international networks of Higher Education Institutes with whom it shares methods, models and projects. It consists of two sections: the Collegio Superiore and the Institute of Advanced Studies.


The *Collegio Superiore* uses a merit-based approach to select particularly bright and well-motivated students for inclusion in advanced learning programmes with a strong interdisciplinary content. Currently the Collegio hosts 105 students and, during the 2019/2020 A.Y., will offer 168 hours of curricular lessons, 160 hours of seminars and 60 hours of international conferences.

The *Institute of Advanced Studies* selects high-profile PhD students and researchers from all over the world who are invited to Bologna by the University’s own professors and researchers. It promotes the exchange of ideas and knowledge at an international level, encourages an interdisciplinary approach to research and teaching, and facilitates international mobility. From 2001 to date, the Institute has hosted a total of 350 academics drawn from 60 countries and has presented 240 lectures and 45 events, including the ISA Medal for Science, awarded to researchers with an outstanding international profile, and the ISA Topic study and research projects. The Institute of Advanced Studies is an active member of NetIAS (Europe) and UBIAS (global), which are international networks of Institutes of Advanced Studies.

CURRICULAR INTERNSHIPS

A curricular internship is an experience intended to complete the University education of students, by enabling them to carry out practical work within or outside the University, in Italy or abroad, and to obtain the required University credits (CFU) indicated in the syllabus for their degree programmes. In the academic year 2017/2018, there were 20,497 curricular internships.

THIRD CYCLE AND VOCATIONAL



- 47** PHD / DOCTORAL PROGRAMMES
- 53** SPECIALISATION SCHOOLS
- 80** PROFESSIONAL MASTER’S PROGRAMMES (OF WHIC 14 INTERNATIONAL)

PHD

Alma Mater invests in young people: about 17.5 million euro was allocated to the funding of PhD student scholarships in the 35th cycle, resulting in more than 285 grants. The sources of this money included 531,268€ from the 2015 campaign for funds from the allocation of income tax receipts. In addition, the direct funding of University structures and external bodies exceeded 7 million euro; 3 million euro came from the Outstanding Departments; and about 1.1 million euro was sourced from the Emilia Romagna Region Advanced Skills call in the context of the POR FSE. Alma Mater has accredited 48 PhD programmes for the 35th cycle (2019/2020 A.Y.), of which: 8 under agreements or together with other Universities and public and private research bodies, 11 industrial doctorates, 21 inter-sector doctorates and 5 with post-

Doctors 2018 1 year after PhD	Doctors 2014 5 years after PhD
92.4%	95.4%

MASTER’S DEGREE AND PROFESSIONAL TRAINING COURSES

The University of Bologna offers a wide range of master’s degree programmes and professional and multidisciplinary courses, which are an ideal way for students to complete their studies. Designed for the purpose of creating new professional roles, the programme syllabi are based on the real needs of the world of business. In the academic year 2018/2019, the University rolled out 80 master’s degree programmes (30 in the medical disciplines, 34 in the social disciplines, 8 in the technical-scientific disciplines, 8 in the humanities) and 43 postgraduate programmes, lifelong learning courses and summer and winter schools that award university credits. This range is further supplemented by many courses that do not award credits, but nevertheless give rise

1,438 PHD STUDENTS (up to 31/07/2019)

244 are international:

Europe	89
Asia	89
Africa	27
North America	3
Central and South America	35
Oceania	1

graduate apprenticeship contracts.

In total, 603 PhD positions were available, of which 589 were funded with grants and 72 with research fellowship. Various new agreements were signed with strategic international partners during 2018, including University of Copenhagen - Faculty of Life Science (Denmark), Iuliu Hațieganu University of Medicine and Pharmacy (Romania), Universidad Nacional del Litoral de Santa Fé (Argentina), Universidade de Sao Paulo (Brasil), as well as 51 co-tutorship agreements, comprising 27 outgoing in favour of PhD students enrolled at the University of Bologna, and 24 incoming in favour of PhD students enrolled at foreign universities. Cooperation with China (China Scholarship Council) and Brazil (CAPES and CNPq) has continued, with the matriculation of foreign PhD students.

2019 survey on employment status of PhD (Alma Mater Studiorum - Università di Bologna in collaboration with AlmaLaurea)

to important educational and professional pathways that will result in considerable development of our third mission activities.

BOLOGNA BUSINESS SCHOOL

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 region.

RESEARCH



A combination of subject specialisation and multidisciplinary, together with a broad understanding of societal challenges, will be key in further strengthening the University's research excellence in the future. In order to realise this goal, the University has adopted a strategy which entails the creation of a shared vision and coordinated action at the European, regional and national levels, and which is supported by the University Subject Groups set up to help the University gain access to competitive funding.

SPECIALISATION

The research specialities articulated in the 32 Departments and in the interdepartmental centres of the University combine to respond to the research and innovation priorities established by the European Union and indicated by the Member States and the Regions in the context of the EU's Smart Specialisation approach to research investment.

- Agrifood
- Blue growth
- Circular economy
- Climate
- Energy
- Health
- ICT
- NMBP
- Security
- Space
- SSH
- SWAFS
- Transport

STRATEGIC NETWORKING

The University of Bologna actively participates in the main national and international initiatives involved in the definition of strategic agendas for research and innovation and which serve as useful platforms for networking and internationalisation.

- *European Innovation Partnerships* (EIP), which bring together the key players to find solutions to the major societal challenges identified by the European Commission. *Joint Technologies Initiatives* (JTI), *Joint Undertakings* (JU) and *Public Private Partnership* (PPP), where common research agendas are defined and new research and innovation project developments are funded. *Knowledge and Innovation Communities* (KICs) for the development of research, postgraduate courses and entrepreneurship. *Joint Programming Initiatives* (JPI) and other collaborative planning initiatives for the planning and implementation of national research in the context of a shared vision at the European level. Networking and initiatives to promote public discussion and debate on research and innovation policies, including with a thematic approach. *Guild of Research Intensive Universities* to strengthen institutional cooperation and promote the key role of universities in the creation of new knowledge that benefits the whole of society.
- 10 out of the 12 National Clusters where public and private players collaborate and contribute to defining national policies on research and innovation.
- 7 *Clust-ERs* at the regional level as well as the Emilia-Romagna High Technology Network through the 7 Interdepartmental Research Centres (CIRI).

DEPARTMENTS OF EXCELLENCE

14 departments of the University have received valuable recognition from the Italian Ministry of Education, Universities and Research (MIUR) under its Departments of Excellence initiative, receiving over 113 million euros to be invested in development initiatives over a five-year period. The activities that began in January 2018 are ongoing and the current situation is as follows:

- over 70 academic (professors and researchers) and technical-administrative staff members have been recruited;
- over 20 research grants and 25 PhD scholarships have been awarded;
- over 2 million euros have been invested in work to enlarge and modernise premises and laboratories with the relative interventions already completed or in the process of being completed;
- over 4 million euros have been earmarked for the acquisition of substantial research equipment with the purchase procedure already underway.

89 MILLION EUROS FROM COMPETITIVE PROJECTS IN 2018

COMPETITIVE PROGRAMMES

EUROPEAN PROJECTS

>96 mln €
HORIZON 2020
 > 230 projects funded, of which 58 coordinated.
 > 2,300 partners involved, of which 1,000 were private partners.
 18 ERC projects, of which 9 Principle Investigators were attracted through mobility programmes.
 The University is among the top 20 European universities in terms of funding projects that address societal challenges, with excellent results in the social sciences, humanities, food science, bio-economics and climate science disciplines.

>10.4 mln €
INTERREG, LIFE, CREATIVE EUROPE AND JOINT PROGRAMMING INITIATIVES (JPI, ERANET, PRIMA, ETC.)
 > 50 projects funded.

NATIONAL PROJECTS

>20 mln €
PRIN 2017
 > 130 projects funded, of which 40 as national coordinators.
 Unibo is the top Italian university in terms of the number of projects approved for which it is the National Coordinator and second in terms of the contribution for “A” and “B” lines of funding.

>2.8 mln €
NATIONAL OPERATIONAL PROGRAMME ON RESEARCH INNOVATION AND OTHER NATIONAL PROGRAMMES
 > 15 projects funded.

REGIONAL PROJECTS

>31 mln €
ERDF REGIONAL OPERATIONAL PROGRAMME 2014-2020 AND OTHER REGIONAL PROGRAMMES (RURAL DEVELOPMENT, ADVANCED SKILLS, ETC.)
 >170 projects funded.
 Over 60 research grants and 50 PhD scholarships awarded

UNIVERSITY INITIATIVES

- > 10 mln €** to Departments in the context of the combined research budget
- > 2 mln €** per year, for five years for Departmental Strategic Development Projects (PSSD initiatives) to support 14 projects promoting the development of Departments across the University, applying quality management processes and remaining consistent with the University’s Strategic Plan.
 The University pursues strategic agreements with the main players in research and innovation at the national and international levels in order to strengthen research collaboration in all subject disciplines. In this context, the European University Alliances also play a key role.

SCIENTIFIC PRODUCTION

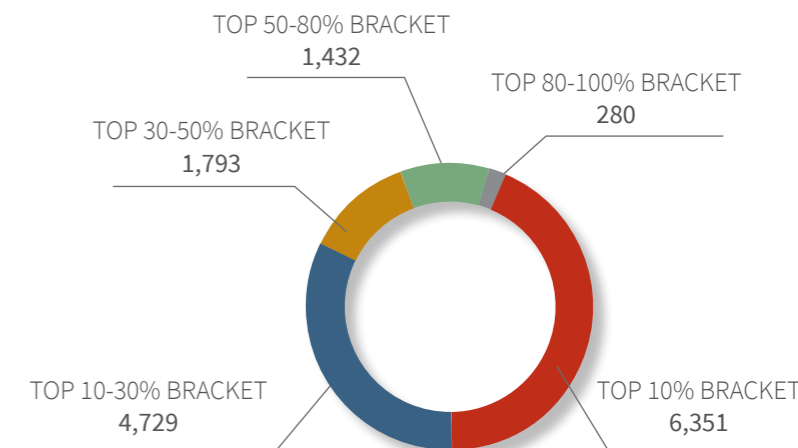
The University has systematically monitored its scientific production since 1997. This monitoring activity was digitalised in 1999 and is now conducted through a dedicated IT program created by Cineca and freely added to by professors and researchers: the Institutional Repository (IR) of the IRIS suite. In addition to gathering data related to the University’s scientific production, this institutional archive makes it possible to manage the full text of the contributions submitted according to the open access model.

The data confirms that the scientific output of professors and researchers increased in the 2016-2018 period.
 (This includes all the types provided for in the MIUR IT system).

2016	2017	2018
9,797	10,231	9,387

Analysis of the Essential Science Indicators in InCites regarding scientific production in the January 2009 - June 2019 period shows that the University is cited heavily in almost every discipline (21 out of 22) and that 927 articles written by University researchers are highly-cited papers, i.e. included in the top 1% of works cited at the global level and/or having a particularly large number of citations in the past two months (hot papers).
 With regard to Scopus data (Elsevier, July 2019), more than 6000 scientific articles from the 2016-2018 period written by professors and researchers and recorded in the IRIS catalogue have been published in indexed journals that rank among the top 10% worldwide.

DISTRIBUTION OF UNIVERSITY PAPERS IN SCOPUS



1,162 RESEARCH FELLOWS
 (up to 31/07/2019)
 of which 118 international, from:

Europe	66
Asia	31
Africa	10
North America	-
Central and South America	11
Oceania	-

THIRD MISSION



The University of Bologna has continued to invest in relations with civil society and businesses, thus assisting the growth of an eco-system of innovation that facilitates both economic and social growth.

The University's Observatory for the assessment of the Third Mission collects, analyses and promotes all the third mission activities of the University, ensuring the quality of the actions taken and facilitating the alignment of individual conduct with institutional objectives.

27.1

MILLION EUROS IN 2018
FOR COMMISSIONED RESEARCH
(NET OF THE VAT COLLECTED)

INDUSTRIAL RELATIONS

33 active framework agreements with major businesses in key sectors (energy, ICT, chemicals, finance, automation).

Placement services. In 2018, almost 3,900 registered Italian and international companies published 3,456 job offers on the online noticeboard and consulted 30,980 CVs of the University's graduates. This trend continues to grow in 2019: between January and September there were over 4,761 companies registered, 2,800 job offers posted, and 32,316 CVs consulted. In addition to these activities, the University organises various initiatives to bring graduates together with representatives from the world of work such as career days, sector specific recruitment days and company presentations at the University which, in 2018, involved over 300 companies across the University campuses.

1 COMPETENCE CENTRE in the context of the National Industry 4.0 Plan, with a public-private partnership comprising 57 members led by the University of Bologna. BI-REX (Big Data Innovation & Research EXcellence) is among the eight centres selected by the Ministry of Economic Development (MISE) and the first to be launched operationally.

32 ACTIVE AND ACCREDITED SPIN-OFF BUSINESSES, including 12 with investments made via Almacube in the share capital and 2 in which an interest is held by early-stage specialist investors. These 32 businesses generate revenues of more than 13 million euros (2018) and have over 100 employees.

5 ACTIVE AND ACCREDITED START UP BUSINESSES 1 of which with investment, via Almacube, in the share capital.

BUSINESS INCUBATION AND DEVELOPMENT

Almacube, which is the University's business incubator and which was certified by the Italian Ministry of Economic Development (MISE) in 2019, has managed 17 incubated businesses. Support for business development and incubation is provided through the Cesenalab at the Cesena campus and Innovation Square at the Rimini campus. At the Forlì campus, students can access the Basement Club, which is a project aimed at helping university students develop transferable skills and an entrepreneurial approach.

ENTREPRENEURSHIP SUPPORT INITIATIVES

PoC (Proof of Concept)

A tool designed to fund and encourage the development of technologies patented by the University of Bologna and to maximise the relative benefits.

Call for spin-off ideas

A call for the submission of business ideas aimed at PhD students, researchers and professors in order to encourage the emergence of innovative business concepts.

Basic academy training programme

A programme to raise business awareness among the entire research community. The aim is to stimulate creativity and to provide information that serves as a basis for the development of business ideas.

Call for business plans

A call for the submission of research projects in the form of a business plan that has the potential to lead to one of the University's spin offs. It is aimed at PhD students, researchers and professors.

Advanced academy

A round of meetings aimed at researchers, PhD students, and research fellows with business projects that are mature enough to begin developing a business plan. On completion of the meetings, participants will receive business development coaching.

AlmaLabor

A digital workshop to create prototype ideas for businesses and a space for training and coworking. It is aimed at students, PhD students researchers and professors and is also open to accredited start-ups and spin-offs.

Design Factory

The University is part of the Design factory DFGN (Design Factory Global Network) and has set up its own Open Innovation Centre bringing together all the Open Innovation initiatives involving students, businesses and professors. It is also part of the Challenge Based Innovation Program (CBI) in collaboration with the CERN, Universities and research centres, industrial partners and the Almacube incubator, as well as a member of the SUGAR programme network.

Startup day

This event brings together start-uppers (students with entrepreneurial ideas) and players (students who make their skills available to one or more start-uppers) and has had over 2500 participants.

Student4Africa

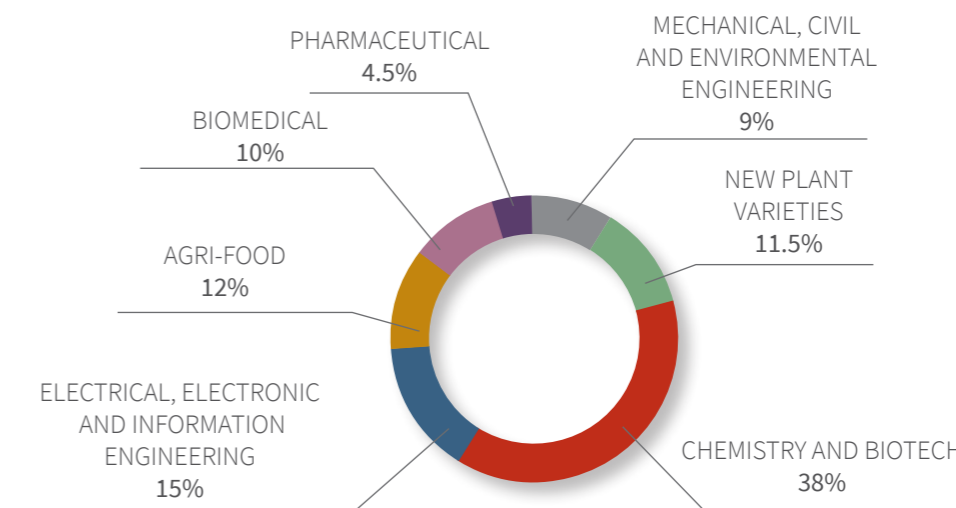
A project set up to support business generation designed and managed in collaboration with the Alma Mater Foundation. It seeks to support students and, looking ahead, any prospective PhD students in the development of projects with a potential impact on Africa.

AlmaEClub

An interdisciplinary club for professors and researchers of the University of Bologna set up to support the development of entrepreneurial culture through discussion, learning and project planning activities on academic entrepreneurship themes.

PATENTS AND LICENCES

In 2018, the University submitted 118 new patent applications, 30 of which were new submissions, originating from a patent portfolio that was active as at 31/12/2018 of around **370 patented titles**, deriving from 147 inventions. It also has an active portfolio of **22 patented vegetable varieties**, 80% of which is exploited through active licensing contracts in various countries around the world.



SOCIAL ENGAGEMENT COOPERATION AND DEVELOPMENT

AlmaEngage coordinates the cooperation and development activities within the University of Bologna at both the local and international levels. It promotes and implements initiatives to raise awareness on the themes of cooperation and development in the academic and local communities. It also collaborates with national and international non-governmental organisations (NGO) to offer students the possibility of completing their studies through practical experience in the field of cooperation and development.

The Field Work initiative offers students the chance to gain experience "in the field" with an NGO in developing countries. Students receive a grant and are supervised by their teachers who ensure their work is recognised.

The University is currently involved:

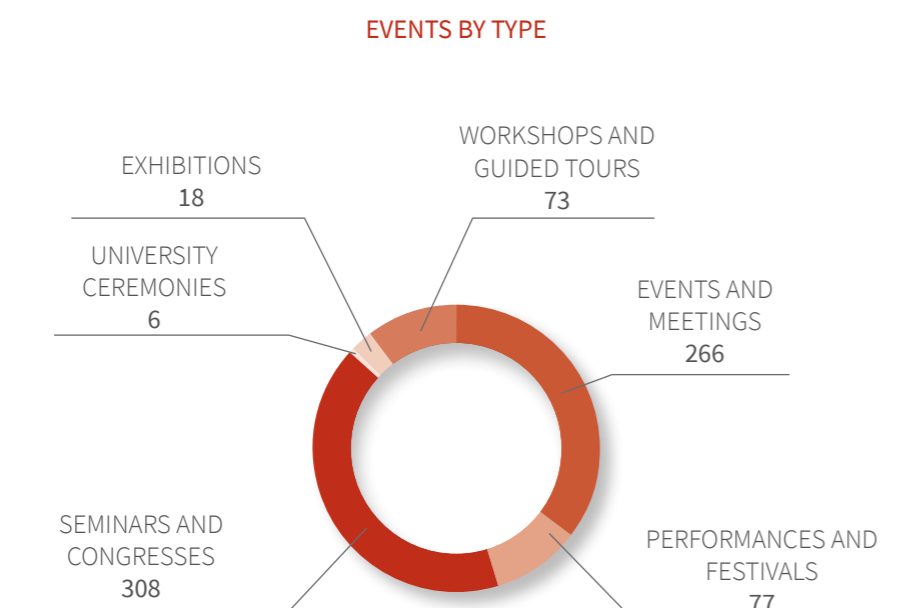
- in 2 platforms of the "Knowledge Partnership" programme of the Italian Agency for Cooperation and Development (AICS) which seeks to promote scholarship schemes for students from developing countries and to create think tanks between Italian universities on themes related to Sustainable Development Goals;
- in the coordination of 3 education and technical assistance projects and, as a partner, in 10 NGO projects funded by AICS with interventions in developing countries. It is also involved in global citizenship education initiatives;
- in 7 NGO projects funded by the Emilia-Romagna Region for decentralised cooperation;
- in the coordination of 4 projects promoted by EuropeAid and 30 Erasmus Plus Capacity Building projects between the European universities that are most active in this sector.

UNIBO4REFUGEES AND UNI-CO-RE (UNIVERSITY CORRIDORS FOR REFUGEES - ETHIOPIA - UNIBO)

The University of Bologna is opening its doors to refugee students who are in Italy or Africa: through a process of guidance and selection, students can complete their studies and rebuild their future.

PUBLIC ENGAGEMENT

The University of Bologna, which is considered one of the most beautiful universities in the world owing to its historic, palatial buildings and its substantial artistic, cultural and scientific heritage, takes a multifaceted approach to meeting the primary goals of its third mission, understood as engaging with society through its cultural activities. There are strong ties between the University of Bologna and the territories that are served, as confirmed by the large number of events - the Researchers' Night being one of the most important - held each year, often in collaboration with other local organisations. In particular, the relationship between the Municipality of Bologna and the University is focused on the process of upgrading the University area and promoting its use through cultural initiatives and events.



UNIBOCULTURA

Unibocultura is a cultural project for everyone, targeting both students and the public, and is aimed at promoting and maximising the benefits of the cultural, historical and artistic resources of the Alma Mater. It creates cultural and educational opportunities by organising public events, meetings with influential personalities, the Zambè summer festival in the heart of the university district, initiatives dedicated to specific topics linked to the cultural history of the University, guided tours of the University's historical buildings, and the production of informative content and materials.

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 28 libraries with a total inventory of 4,3 million volumes and 7,000 journal subscriptions, with over 5,700 workstations for study and research. As well as the standard library services, it also provides access to 735 data banks, 50,000 online periodicals, and 400,000 e-books.

BOLOGNA UNIVERSITY LIBRARY

The central Library of the University focuses on protection, use and valorization of the collections including 12,850 manuscripts, and the oldest known complete Torah scroll. It also has a modern collection and it comprises the International Centre for Humanities "Umberto Eco".

UNIVERSITY MUSEUM SYSTEM

The University Museum System comprises fourteen structures - counting both Museums and Collections - dedicated to various disciplines.

On the one hand, the University Museum System dedicates substantial space to the education of students of all subjects, at all levels, and to the safeguarding of assets by conserving, restoring and cataloguing them, in order to ensure that collections can be enjoyed and used for research, study and other purposes; on the other, it promotes public engagement and the dissemination of scientific culture, in many cases in collaboration with public and private institutions, both at home and abroad.

FEDERICO ZERI FOUNDATION

This centre for research into and specialist training in the History of Art, established to protect and disseminate the works and personality of Federico Zeri, conserves and promotes his extraordinary bequest: an Art Library (46,000 volumes and 37,000 auction-house catalogues) and a Photographic Library (290,000 photographs). The Photographic Library is now also available on-line, in a database considered to be the most important collection of Italian art present on the Internet, with more than 170,000 images available free-of-charge from the Foundation's website. Intensive training was also provided to graduate students, with seminars, courses and summer schools addressing the history of art and the cataloguing of the photographic archives.

LUISA FANTI MELLONI FOUNDATION

This foundation promotes research into heart attacks, cardiology and related disciplines; each year graduation prizes are awarded to the best students at the University of Bologna with dissertations on heart attacks or coronary heart disease, together with PhD scholarships for young researchers at the University of Bologna in the field of cardiology.

FOUNDATION FOR URBAN INNOVATION

Established together with the Municipality of Bologna, this foundation promotes activities in the public interest in the field of urban transformation and innovation, with a particular focus on topics of interest to citizens and the University, including development of the territory and local communities, urban planning and regeneration, environmental sustainability, the resilient city, the urban economy and technological innovation. The Foundation also coordinates HousingBo, a service set up to help improve the housing situation of students in Bologna, jointly promoted by the University and the municipal administration.

INTERNATIONALISATION



The University of Bologna sees internationalisation as a cross-dimensional aspect of its strategic plan and pursues the related aims and objectives as an integral part of its overall institutional strategy. This approach, which permeates the ethos of the University and requires the full responsibility and proactivity of the institutional players, impacts on all aspects of academic life. The internationalisation strategy also defines the affiliation structures for external collaboration and partnerships.

The University develops its internationalisation strategy through targeted interventions in different parts of the world, in primis in Europe, but with a growing focus on the global dimension, collaborating with institutions in an increasing number of countries. The University enters into strategic partnerships and agreements, organises exchanges and mobility programmes at all levels, and is involved in joint activities and projects with funding drawn from a broad range of national and international programmes as well as its own funds.

EUROPE

The University of Bologna has the highest number of exchange students in Europe and in Italy it ranks highest in terms of the number of students studying abroad and of study grants awarded in the context of the Erasmus+ programme.

In addition, the Alma Mater has distinguished itself through a series of best practices: a high number of graduates with mobility experience, a high rate of credit recognition, an increase in the level of language skills and reinforcement of international cooperation. The University coordinates or participates in more than 70 education and training projects funded by the European Union.

STUDENTS MOBILITY



FROM BOLOGNA TO EUROPE
(ERASMUS+ COUNTRIES)

2,963



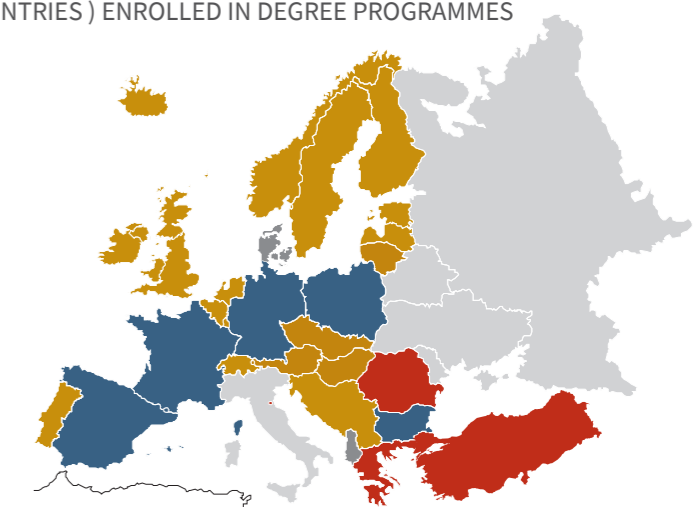
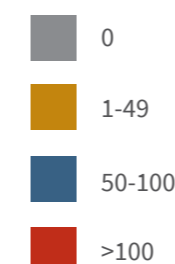
FROM EUROPE
(ERASMUS+ COUNTRIES)
TO BOLOGNA

2,317



EUROPEAN STUDENTS (ERASMUS + COUNTRIES) ENROLLED IN DEGREE PROGRAMMES

1,832



WORLD


Collaboration with universities in different parts of the world is a primary objective to be pursued with an awareness of the need for mutual cooperation adapted to the local context.

The University has defined actions to be taken to maximise the benefits of the network of international agreements developed over recent years. Between 2017 and 2019, a specific internal funding programme made possible the development of 37 innovative internationalisation projects managed by the departments with universities all over the world. Each year there is a call for applications for over 300 international exchange places at over 90 universities in 27 countries all over the world, with established destinations such as the United States and Australia supplemented by the addition of new, dynamic destinations such as Singapore, or countries experiencing rapid change such as Sub-Saharan Africa and South East Asia.

In the context of the Erasmus Plus KA107 ICM programme, the University collaborates with 40 universities in 15 countries (in Africa, the Middle East, the Balkans, and South East Asia) with whom it has set up exchange schemes for students, PhD students, professors and technical-administrative staff.

The University has 6,052 international students enrolled on its degree programmes, a trend which has continued to grow since 2015. In order to encourage this process, foreign students can take the Test Online del Cisia (TOLC) in their country for enrolment on the first cycle (undergraduate degree) courses.

The University of Bologna is an active member of the IAU, founded in 1950 under the auspices of UNESCO and one of the most important global networks of universities with over 130 countries represented. In 2016, the IAU launched the ISAS (2.0), a tool aimed at helping universities to develop and review their internationalisation policies, strategies and programmes. In December 2018, the University joined the ISAS (2.0) initiative, requesting an assessment in terms of “comprehensive internationalisation”, in other words, as an institution able to pursue internationalisation policies for the entire university community and for all subject disciplines.

 STUDENTS ENROLLED IN DEGREE PROGRAMMES
4,220

NORTH AMERICA

Agreements	53
Students' mobility:	
incoming	309
outgoing	85
Dual, multiple or joint Degree programmes	4
Students enrolled on degree programmes at the University of Bologna	62

SOUTH & CENTRAL AMERICA

Agreements	103
Students' mobility:	
incoming	181
outgoing	157
Dual, multiple or joint Degree programmes	2
Students enrolled on degree programmes at the University of Bologna	355

STUDENTS MOBILITY

 FROM BOLOGNA TO THE WORLD
378

 FROM THE WORLD TO BOLOGNA
762

BALKANS, NEAR EAST, RUSSIAN FEDERATION

Agreements	41
Students' mobility:	
incoming	70
outgoing	33
Dual, multiple or joint Degree programmes	1
Students enrolled on degree programmes at the University of Bologna	1,197

AFRICA & MIDDLE EAST

Agreements	23
Students' mobility:	
incoming	30
outgoing	31
Dual, multiple or joint Degree programmes	1
Students enrolled on degree programmes at the University of Bologna	1,229

ASIA

Agreements	85
Students' mobility:	
incoming	128
outgoing	42
Dual, multiple or joint Degree programmes	5
Students enrolled on degree programmes at the University of Bologna	1,372

OCEANIA

Agreements	19
Students' mobility:	
incoming	44
outgoing	30
Dual, multiple or joint Degree programmes	0
Students enrolled on degree programmes at the University of Bologna	5

DIGITAL TECHNOLOGIES



SYSTEMS AND INFRASTRUCTURE

With its multi-campus structure, the University of Bologna has more than 150 locations that are interconnected and linked to the Internet by over 600 km of optical fibre. Students and personnel have more than 1,300 WiFi access points available to them. The two server farms, with more than 650 virtual servers support 186,248 institutional mailboxes that

process about 85 million e-mails every year. With a view to reducing the economic and environmental impact of movements between the various locations, the University of Bologna has decided to promote and increase the video-conferencing services offered, which now count 3,4700 hours of conversation.

DIGITALISATION

EXAM DIGITAL TRANSCRIPTS	447,658
DIGITALLY MANAGED REGISTERS	7,991
ENTRANCE EXAM ENROLMENTS SUBMITTED ONLINE	82,277
ONLINE MATRICULATIONS	35,364

DEGREE APPLICATIONS SUBMITTED ONLINE	20,663
ONLINE CERTIFICATES WITH DIGITAL ENDORSEMENT	447,658
DIGITALLY REGISTERED DOCUMENTS	368,192
ONLINE TEACHING ASSESSMENT QUESTIONNAIRES	274,326

WEB AND SOCIAL MEDIA

As a member of the Public Administration, the presence of the University on the web has always been among the most significant at national level. The University continues to expand its web visibility, providing students and staff with Internet and Intranet tools for the creation of content and access to new services. Alma Mater is also strengthening the institutional communications on social media, with a view to reaching students, staff and citizens in a more effective manner. A MOOCs platform was activated in 2017, achieving over 10,000 registrations.

Three Apps were developed with students involvement, that had 80,000 downloads: over 60,000 of which for myUnibo App, which focuses on students' careers, and over 18,000 downloads for myAlmaOrienta, the App providing entry guidance to potential students. The App presents the programme catalogue, facilitating the comparison of various degrees and registration for guidance events like Almaorienta and open days.

WEB PAGES	> 750,000
VISITS	> 53 mln

VISITED PAGES	> 148 mln
APPS DOWNLOADS	> 80,000

SUSTAINABILITY



UNIBO SOSTENIBILE (Sustainable Unibo)

The University of Bologna invests in sustainable development and takes concrete steps to promote, plan and implement actions and projects designed to harmonise the relationship between space, the environment and people.

The University, with a view to reducing its environmental impact and improving the quality of life at the University, promotes measures to upgrade and enhance the territory, ensures the protection and renewal of natural resources and promotes improvement in social well-being and more responsible lifestyles, pursuing at the same time the goals of economic sustainability and social equality for all its users, while endeavouring also to meet the needs of the community in a context that respects and welcomes diversity and values the social and cultural identity of individuals and communities.

Sustainability principles are therefore encouraged and disseminated through governance, teaching and research activities, as well as through administrative, building and logistics support, the aim being that they will guide the actions and behaviour of the entire university community, including students,

teachers and technical-administrative staff. It is vital that community stakeholders are consulted and involved in order to ensure that these actions are implemented on a multicampus basis.

It is in this context that the need to introduce a new circular economic model that supplants the traditional linear model of produce-consume-recycle has emerged, and to explore instead the possibility of reusing, recycling and recovering the various resources available.

The Sustainable Multicampus project was thus developed, seeking to implement a programme of construction and environmental protection activities within a sustainable community model.

Building on its international experience, the University will set up two Green Offices, known by the acronym GOAL (Green Office ALma Mater), in Bologna and in Romagna. The GOAL activities will be performed mainly by students and coordinated by the Area Edilizia e Sostenibilità (Construction and Sustainability Division) to ensure they are compatible and in line with University policies.

THE FOUR AREAS ADDRESSED ARE:

ENERGY: clear reduction in the environmental footprint of the University.

MOBILITY: guiding the University community towards the use of suitable forms of transport.

ENVIRONMENT: promoting natural resources and green spaces, partly by targeted construction work in areas surrounding the University.

PEOPLE: to improve the quality of life encouraging the adoption of more responsible lifestyles.

ACTIONS

● REDUCTION OF CONSUMPTION THROUGH INCREASING ENERGY EFFICIENCY IN OLD AND NEW UNIVERSITY BUILDINGS

● INCREASING THE USE OF RENEWABLES TO PRODUCE ENERGY FOR USE IN UNIVERSITY BUILDINGS

● MOBILITY SOLUTIONS AND INCENTIVES TO USE SUSTAINABLE TRANSPORT AIMED AT STUDENTS AND STAFF

● ELECTRICAL CONVERSION OF COMPANY VEHICLES

● CARE FOR THE BUILT-UP ENVIRONMENT
● UPGRADING AND NEW DESIGN OF PARK AREAS

● ENVIRONMENTAL PROTECTION AND IMPROVEMENT AT UNIVERSITY SITES

● SOCIAL RESPONSIBILITY ACTIONS FOR HUMAN WELLBEING

● PROMOTION OF HEALTHY LIFESTYLES AND SPORTING ACTIVITIES

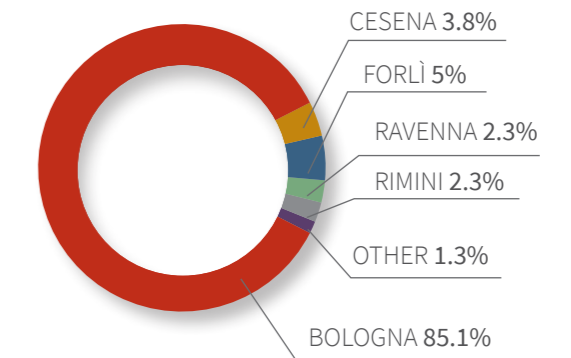
CONSTRUCTION AND FINANCIAL REPORTING



CONSTRUCTION: THE MULTI-CAMPUS MODEL

The University model adopted by Alma Mater is unique at both national and international level. The University comprises 13 districts in the Municipality and Province of Bologna (Poggi, Zamboni, S. Giacomo, South East, North West, Filippo Re, Sant'Orsola, Risorgimento, Terracini, Navile, Fanin, Ozzano dell'Emilia and Imola) and 4 campuses in the Romagna area: Forlì, Cesena, Rimini and Ravenna. The University, which covers a surface area of 1,162,506.81 square metres, has a development and consolidation plan that continues to be implemented on the various sites.

GEOGRAPHICAL DISTRIBUTION OF BUILDINGS



THE MOST IMPORTANT WORKS IN FIGURES

WORKS IN PROGRESS	USE	TOTAL (MLN EUR)	(M ²)
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	106.8	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)	44.6	25,000
Upgrading of the "former Croce Rossa", Bologna	Classrooms and students' residence	3.1	2,000
New campus for the School of Engineering and Architecture, Cesena ("former Zuccherificio")	School of Engineering, Departments of: Architecture, Electricity and Information Engineering "Guglielmo Marconi", Computer Science - Science and Engineering	30	15,000
TOTAL		184.5	82,000

THE SOCIAL RESPONSIBILITY REPORT

Alma Mater continues to invest time and resources in the preparation of a report, which improves every year in response to the feedback from our counterparts, that fuels constant thought, assessment and debate both within and outside our academic walls, with a particular emphasis on the multi-campus dimension.

The 2018 Social Responsibility Report comprises four sections:

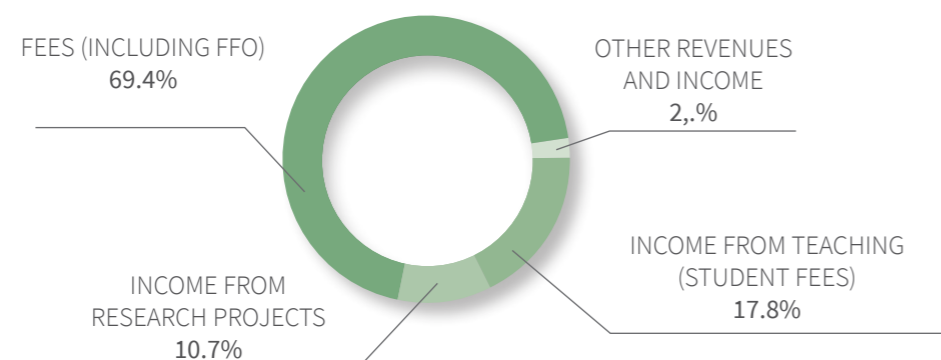
- Identity, strategies and organisational structure,
- Reclassification of accounting and net worth data,
- Activities and Results,
- procurement policies and environmental impact.

FINANCIAL STATEMENT

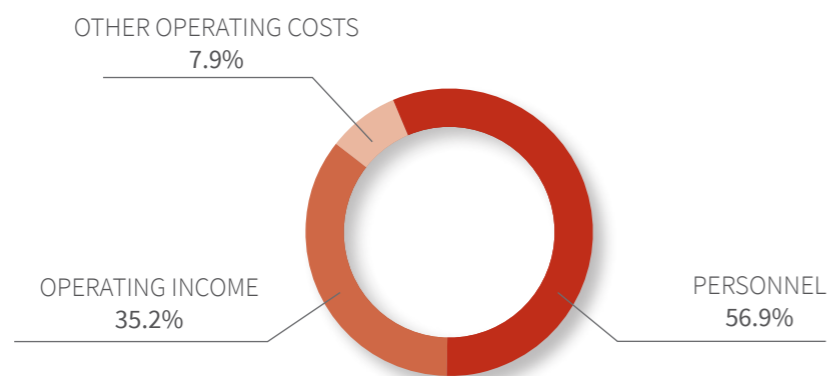
STATEMENT OF ASSETS AND LIABILITIES AS AT 31.12.2018
(MLN €)

TOTAL ASSETS of which	1.132.5
INVESTMENTS	
TANGIBLE FIXED ASSETS, of which	415.9
LAND AND BUILDINGS	292.1
FIXED ASSETS UNDER CONSTRUCTION AND PAYMENTS ON ACCOUNT	80.9
INTANGIBLE FIXED ASSETS, of which	38.4
FIXED ASSETS UNDER CONSTRUCTION AND PAYMENTS ON ACCOUNT	23.9
EXTRAORDINARY MAINTENANCE ON THIRD-PARTY ASSETS	14.4

INCOME ANALYSIS 2018 (PROFIT AND LOSS)
OPERATING INCOME: TOTAL €637 MLN



COST ANALYSIS 2018 (PROFIT AND LOSS)
OPERATING COSTS: TOTAL €612.4 MLN



UNIVERSITY COSTS RECLASSIFIED INTO THEIR COMPONENT MISSIONS AND PROGRAMMES*

MISSIONS	PROGRAMMES	2018 RECLASSIFIED COSTS (MLN €)	
Research and innovation	basic scientific and technological research	219.9	
	Applied scientific and technological research	R&D for economic affairs	31.0
		R&D for healthcare	9.3
University education	University system and postgraduate studies	248.9	
	Right to Higher Education	Ancillary education services	1.0
Safeguarding of health	Healthcare support	Hospital services	3.7
	Veterinary support	Public healthcare services	0.4
General and institutional services of the public administrations	Political guidance	0.2	
	General affairs and services for administrations	154.9	
TOTAL		669.3	

*(Ministerial Decree, 21 dated 16 January 2014)

INCIDENCE OF PAYROLL COSTS

YEAR	BOLOGNA	MEGA UNIVERSITIES
2016	65.2%	69.3%
2017	64.2%	68.1%
2018	63.6%	68.3%

The positive indicator of financial sustainability (isef= 1.2 which is good, in that it exceeds the legal requirement of 1) together with the incidence of payroll costs (less than the legal limit of 80%) position the University among the leaders in the assignment of 2019 resources for the recruitment of personnel and career advancement.

FUND FOR ORDINARY FINANCING (FOF) OF UNIVERSITIES (MLN EUR): 2016-2018 TREND AND % OF TOTAL

YEAR	INCIDENCE FOF BOLOGNA (MLN €)	INCIDENCE FOF BOLOGNA/ FOF ITALIA %
2016	388.3	5.7
2017	391.2	5.7
2018	412.7	5.7

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.



The University publishes all useful information regarding its structure, strategy, planning and reporting

Strategic plan 2019-2021 | unibo.it/en/university/who-we-are/strategic-plan

Bilancio sociale | unibo.it/bilanciosociale

Gender Report | unibo.it/en/university/who-we-are/gender-budgeting/gender-equality-annual-report-2018

U.N. Sustainable Development Report | unibo.it/SDGs

Alma2021 | alma2021.unibo.it

Data updated to 15/09/2019

Project © Alma Mater Studiorum – Università di Bologna

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