



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



ALMA  
MATER



STUDIORUM  
UNIVERSITÀ



DI BOLOGNA

2021/2022



MICHELE, STUDENT OF ITALIAN STUDIES, EUROPEAN LITERARY CULTURES, LINGUISTICS

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JENNIFER, STUDENT OF FOREIGN LANGUAGES AND LITERATURE

# FROM 1088 TO THE FUTURE

2019	<p><b>20<sup>th</sup> ANNIVERSARY OF THE BOLOGNA PROCESS</b> The event held to celebrate the 20<sup>th</sup> anniversary of the signing the Declaration of Bologna is 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 magnificent event which outlined a new vision of the university of the future.</p>	<p><b>THE UNIVERSITY LOOKS TO THE FUTURE</b> 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 now take full account of the 17 sustainable development goals proposed in the 2030 Agenda adopted by the General Assembly of the United Nations.</p>
1999	<p><b>1999 BOLOGNA PROCESS</b> A preliminary declaration regarding the creation of a common European Higher Education Area is signed in Bologna by the Foreign Ministers of 29 countries.</p>	<p><b>AN INTERNATIONAL AGREEMENT</b> 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 essential value and autonomy of universities.</p>
20 <sup>TH</sup> CENTURY	<p><b>NEW CHALLENGES</b> 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.</p>	<p><b>THE MOTHER OF ALL UNIVERSITIES</b> 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 Bologna festival becomes an international day of study.</p>
16 <sup>TH</sup> - 18 <sup>TH</sup> CENTURY	<p><b>FROM BOLOGNA TO THE WORLD, FROM THE WORLD TO BOLOGNA</b> Medicine and philosophy, natural sciences and mathematics, engineering and economics are the major subjects of a university that has become an undisputed international authority in all fields of knowledge. From Bologna to the world, from the world to Bologna: the University produces and attracts scientists and scholars, creating an increasingly broad network of relations.</p>	<p><b>BROADENING THE HORIZONS OF KNOWLEDGE</b> In the 14<sup>th</sup> Century, so-called "artists" - scholars of Medicine, Philosophy, Arithmetic, Astronomy, Logic, Rhetoric, and Grammar - begin to collaborate with the schools of jurists. Bologna becomes an obligatory destination for all the eminent intellectuals of the time.</p>
20 <sup>TH</sup> CENTURY	<p><b>ONE CITY, MANY NATIONS</b> The University bears witness to its nature as an international community with students from far and wide: over 2,000 students from all across Italy and Europe. The University maintains its autonomy against all outside interference.</p>	<p><b>FREEDOM OF RESEARCH</b> Federico I Barbarossa recognises the University as a libera societas of masters and students. The empire undertakes to protect scholares travelling for the purposes of study. For the first time, the absolute freedom of research is ratified.</p>
1088	<p><b>THE BIRTH OF THE UNIVERSITY</b> The Studium in Bologna is the first home of free teaching, independent from ecclesiastic schools. The Imerio school of law marks the birth of Western universities.</p>	<p><b>12<sup>TH</sup> CENTURY</b></p>



AFSANEH, GRADUATE IN INTERNATIONAL RELATIONS

# MULTICAMPUS UNIVERSITY

## UNIVERSITY BODIES

- Rector, supported by 6 Vice-Rectors: Deputy Rector, Vice Rectors for Teaching, Human Resources, International Relations, Research, and Digital Transformation. The Rector is also assisted by deputies for certain cross-disciplinary areas of significance such as: Accounting and Planning, Buildings, Equality, Inclusion and Diversity, Public Engagement, Cultural Heritage, Industrial Relations and Research, Process Rationalisation, Sustainability, Students.
- Academic Senate: composed of 35 members (Rector, 10 Heads of Department, 15 professors and researchers, 3 professional staff representatives, 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 substitute members
- University Evaluation Unit: composed of 6 members, 1 of whom is a student representative.
- Director General

## AUXILIARY BODIES

- Student Council: composed of 33 members
- Professional staff committee: composed of 24 members
- Sponsors' Committee, which is composed of 9 members: the Rector, who chairs the committee, and the other members representing the bodies and institutions working to promote and develop scientific and learning activities and the transfer of knowledge in the various fields and regions in which the University operates
- Student Ombudsman
- Guarantee committee for equal opportunities, employee well-being and non-discrimination at work – CUG

## THE 5 SCHOOLS

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

## THE 32 DEPARTMENTS

### Medicine

- Experimental, Diagnostic and Specialty 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 "Augusto Righi"
- Mathematics
- Biological, Geological and Environmental Sciences
- Life Quality Studies

### Social Studies

- Business Science
- Economic Sciences
- Law
- 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
- Modern Languages, Literatures and Culture
- Psychology "Renzo Canestrari"
- Education Studies "Giovanni Maria Bertin"
- History, Culture, Civilisation
- Cultural Heritage
- Interpreting and Translation

**RESEARCH AND TRAINING CENTRES**

- Experimental Farm
- Public Sector Research and Training Centre Specialization School for Public Administration Studies, European School of Advanced Fiscal Studies, Advanced School for Health Policy, High School for Legal Studies, Specialization School for Legal Professions “Enrico Redenti”
- "Ercole De Castro" Advanced Research Centre on Electronic Systems for Information Engineering and Telecommunications
- Centre for Advanced Studies in Tourism
- Interdepartmental Research Centre: Alma Mater Research Institute for Human-Centred Artificial Intelligence (Alma Human AI)
- Interdepartmental Centre Alma Mater Institute on Healthy Planet (Alma Healthy Planet)
- Interdepartmental Research Centre: Alma Mater Research Institute on Global Challenges and Climate Change (Alma Climate)
- Interdepartmental Research Centre for Environmental Sciences
- Centre for Applied Biomedical Research
- Advanced School of Studies on the City and Territory
- "Umberto Eco" International Centre for Humanistic Studies
- Chemistry Teaching Laboratory Centre

**LIBRARIES, MUSEUMS AND HISTORICAL ARCHIVE**

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

**INSTITUTE FOR HIGHER STUDIES**

The Institute for Higher Studies comprises:

- Collegio Superiore
- Institute of Advanced Studies

**THE NEW VERSION OF THE MAGNA CHARTA UNIVERSITATUM (2020)**

Since the first signing of the Magna Charta Universitatum in 1988, the socioeconomic and environmental context has undergone significant change. Therefore, in 2020, following consultation with the 947 signatory universities worldwide, a new version of the Magna Charta Universitatum was drafted. The new Magna Charta, in addition to reiterating the fundamental values underpinning the actions of the signatory institutions, highlights the new global and local responsibilities to be assumed by the universities. The University of Bologna actively participated in the drafting of the new document.

**CIRI - INDUSTRIAL INTER-DEPARTMENTAL RESEARCH CENTRES**

Seven CIRI have been set up as a result of the Programme Agreement between the Emilia Romagna Region, the University of Bologna and local bodies of the Romagna Region concerning the creation of high-technology clusters (Technopoles). The goal of these research centres is to enhance research, industrial relations and the transfer of knowledge and technology.

- CIRI - Aerospace
- CIRI - Agri-food
- CIRI - Building and Construction
- CIRI - Renewable Resources, Environment, Sea and Energy
- CIRI - ICT
- CIRI - Advanced Mechanics and Materials
- CIRI - Life Sciences and Health Technologies

**UNIVERSITY CENTRES**

- University Language Centre
- Centre for the Protection and Promotion of Health and Safety: Occupational Health and Safety, Vice-Rector for Human Resources, Animal welfare in University teaching and scientific facilities
- Teaching Innovation Centre

**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 institutional goals.

**SCIENTIFIC INSTITUTES FOR HOSPITALISATION AND HEALTH CARE (IRCCS) WITH WHICH THE UNIVERSITY COLLABORATES**

- IRCCS - Rizzoli Orthopaedic Institute
- IRCCS - Bologna Institute of Neurological Sciences (ISNB) - AUSL Bologna
- IRCCS Meldola - Romagna Institute for the Study and Treatment of Cancer (IRST)
- IRCCS - Sant'Orsola Polyclinic of Bologna

**ALMA MATER AND THE UN AGENDA FOR SUSTAINABLE DEVELOPMENT**

With a view to directing all our institutional activities towards the pursuit of sustainable development, the University planning and reporting processes now take full account of the 17 Sustainable Development Goals proposed in the 2030 Agenda adopted by the General Assembly of the United Nations.

In 2016, in order to monitor systematically the impact of the various University activities in terms of sustainability, the University adopted an additional annual reporting tool (Report on U.N. Sustainable Development Goals). This report outlines the direct and indirect impact of the University of Bologna in terms of learning, research, third mission, and management of the University, with a view to pursuing the 17 Sustainable Development Goals proposed by the UN. The Report on the Sustainable Development Goals is produced in the context of an increasingly widespread and qualified international debate on the role that universities should play in promoting, at all levels, actions consistent with the transformative ambition of the Sustainable Development Goals. Furthermore, the University of Bologna has embraced the principles of sustainable development by integrating them into all of its institutional processes, plans and documents defining University governance and management activities.

Sustainability is no longer one of many possible options, but encourages everyone to radically rethink lifestyles, business models, institutional processes and public policies within a new development paradigm. The dramatic Covid-19 pandemic has strengthened the value of the 2030 Agenda, helping us to make decisions with a clear idea of the systemic long-term implications of the choices we make.



**CESENA CAMPUS**

THE MAIN VOCATIONS:

- AGRIFOOD
- ARCHITECTURE
- ICT AND BIOENGINEERING
- PSYCHOLOGY

**Schools**

- Engineering

**Departments and Local Organizational Units (U.O.S.)**

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

**Other structures**

- Interdepartmental Industrial Research Centre - Agrifood
- Interdepartmental Industrial Research Centre - ICT

**REPRESENTACION EN LA REPUBLICA ARGENTINA**

The site in Argentina, which represents the University of Bologna in all of Latin America (1998), provides a space for discussion of the processes of political and economic integration between the Europe Union and Latin America. The Representacion en la Republica Argentina facilitates exchange activities between students, teachers, researchers, public servants and private entrepreneurs and offers undergraduate and postgraduate programmes.

**REPRESENTATION IN SAINT PETERSBURG STATE UNIVERSITY (RUSSIA)**

Saint Petersburg State University is one of the oldest and most prestigious Russian universities and is also one of the University of Bologna's historical partners. In 2021, in order to give greater impetus and visibility to the collaborative activities, various spaces were made available at the respective universities to be used for joint activities.

**RAVENNA CAMPUS**

THE MAIN VOCATIONS:

- ENVIRONMENT AND SEA RIGHTS
- CULTURAL HERITAGE
- RIGHTS

**Schools**

- Arts, Humanities and Cultural Heritage

**Departments and Local Organizational Units (U.O.S.)**

- Cultural Heritage
- U.O.S. Industrial Chemistry "Toso Montanari" (Faenza)
- U.O.S. History, Culture, Civilisation
- U.O.S. Biological, Geological and Environmental Sciences
- U.O.S. Law
- U.O.S. Chemistry “Giacomo Ciamician”
- U.O.S. Civil, Chemical, Environmental and Materials Engineering

**Other structures**

- Interdepartmental Research Centre for Environmental Sciences
- Advanced School of Studies on the City and Territory
- Interdepartmental Research Centre for Renewable Resources, Environment, Sea and Energy
- Interdepartmental Industrial Research Centre for Advanced Mechanics and Materials
- Interdepartmental Industrial Research Centre for Building and Construction – hosted site
- Interdepartmental Industrial Research Centre for Life Sciences and Health Technologies - hosted site

**SINO ITALIAN CENTRE FOR SUSTAINABILITY (SICES) IN SHANGHAI**

In 2018, on the initiative of the Italian Ministry for Environment and the Protection of Land and Sea, the SICES Centre was set up in the Yunchuo building at Tongji University, involving the participation of several Italian universities. 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.

**FORLÌ CAMPUS**

THE MAIN VOCATIONS:

- ECONOMICS AND SOCIAL SCIENCES
- MECHANICAL AND AEROSPACE ENGINEERING
- TRANSLATION AND INTERPRETING

**Schools**

- Economics and Management

**Departments and Local Organizational Units (U.O.S.)**

- Business Science - Forlì campus
- 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 structures**

- Interdepartmental research Centre - Aerospace
- Interdepartmental Industrial Research Centre - ICT

**RIMINI CAMPUS**

THE MAIN VOCATIONS:

- SUSTAINABLE DEVELOPMENT AND WELL-BEING
- SERVICES FOR INDIVIDUALS, BUSINESSES AND COMMUNITIES
- TOURISM AND FASHION

**Schools**

- Economics and Management

**Departments and Local Organizational Units (U.O.S.)**

- Business Science - Rimini campus
- Life Quality Studies
- U.O.S. Industrial Chemistry “Toso Montanari”
- U.O.S. Economics
- U.O.S. Statistical Sciences “Paolo Fortunati”
- U.O.S. Chimica "Giacomo Ciamician"
- U.O.S. for the Arts

**Other structures**

- Centre for Advanced Studies in Tourism
- Interdepartmental Industrial Research Centre for Advanced Mechanics and Materials
- Interdepartmental Research Centre for Renewable Resources, Environment, Sea and Energy



RICCARDO, STUDENT OF LAW

# STUDENTS

A.Y. 2020/2021



TOTAL NUMBER OF STUDENTS ENROLLED ON UNDERGRADUATE AND POSTGRADUATE DEGREE PROGRAMMES

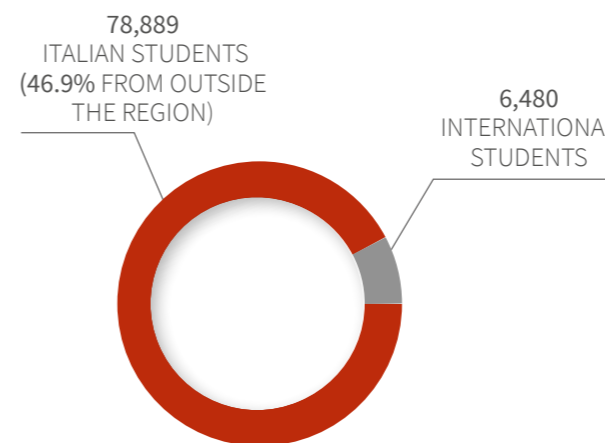
**90,291**



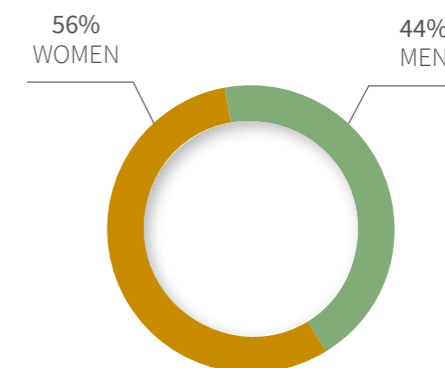
OF WHICH INTERNATIONAL STUDENTS

**7,062**

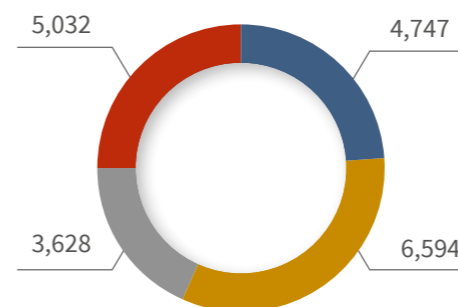
TOTAL NUMBER OF STUDENTS ENROLLED ON DEGREE PROGRAMMES: **85,369**  
(FIRST CYCLE, SECOND CYCLE, SINGLE CYCLE PROGRAMMES AND DEGREE PROGRAMMES UNDER THE PREVIOUS DEGREE SYSTEM)



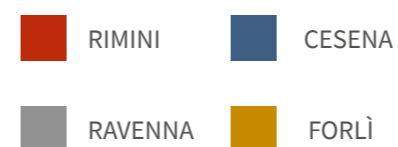
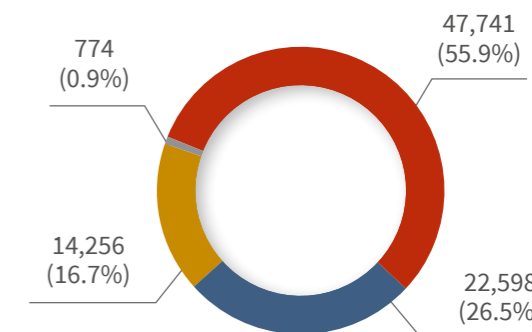
TOTAL NUMBER OF STUDENTS ENROLLED ON DEGREE PROGRAMMES BY GENDER



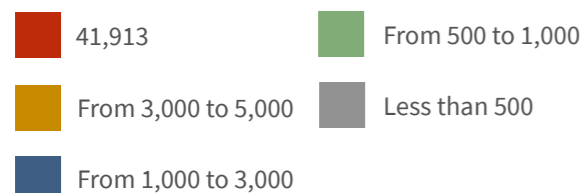
TOTAL NUMBER OF ENROLMENTS BY CAMPUS: **20,001 (23.4%)**



DISTRIBUTION OF ENROLMENTS BY DEGREE PROGRAMME



REGION OF ORIGIN (A.Y. 2020/2021)



OVERALL SATISFACTION\*

Students are generally satisfied with their degree programmes	Alma Mater	Medium-Large Universities	Italy
	91%	90%	91%

EMPLOYMENT STATUS OF 1ST CYCLE DEGREE 2019 GRADUATES 1 YEAR AFTER GRADUATION\*

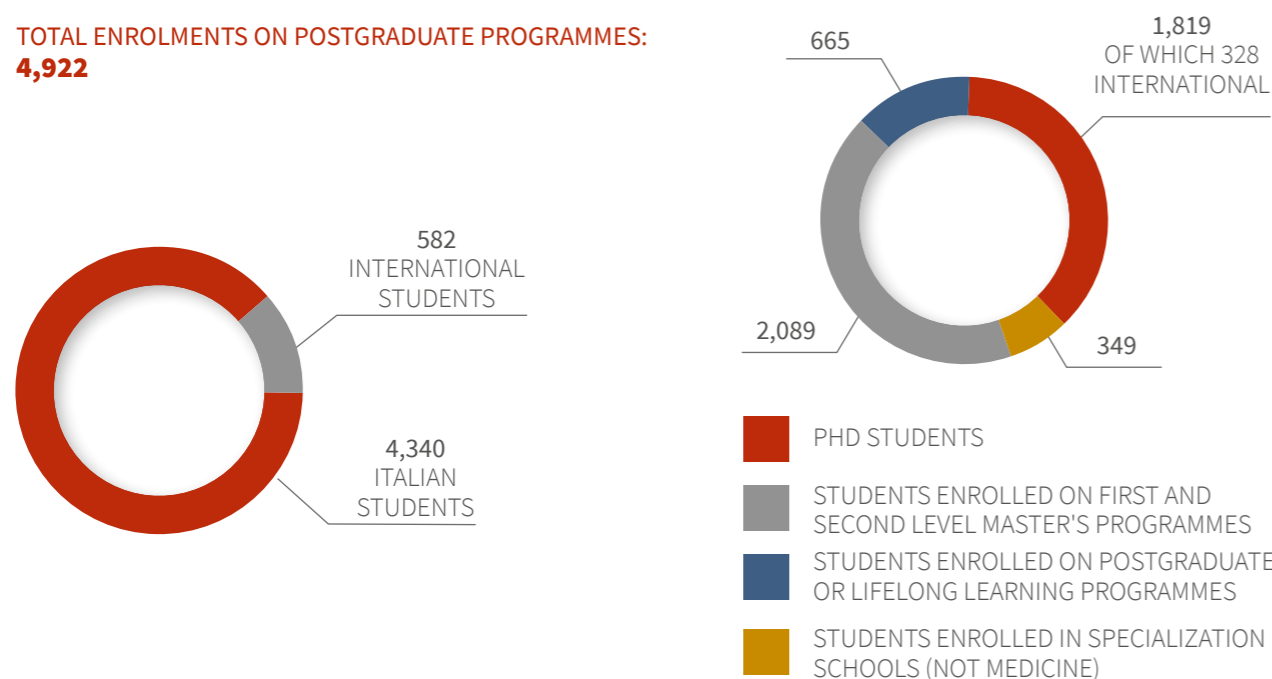
	Alma Mater	Italy
Either employed or unemployed and not looking for work	87%	85%

EMPLOYMENT STATUS OF 2ND CYCLE AND SINGLE CYCLE DEGREE 2019 GRADUATES 1, 3 AND 5 YEARS AFTER GRADUATION\*

	Alma Mater	2019 graduates 1 year after graduation	2017 graduates 3 years after graduation	2015 graduates 5 years after graduation
Either employed or unemployed and not looking for work	Italy	79%	90%	92%
	Alma Mater	78%	88%	91%

\* Source: AlmaLaurea

TOTAL ENROLMENTS ON POSTGRADUATE PROGRAMMES: 4,922



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 associations
- Services for students with disabilities and specific learning disorders and assistive technology laboratories
- Basic healthcare for students from outside Bologna
- 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
- Service for the activation of an 'alias career' for students
- Dual-Career Programme – Student Athlete Status for students wishing to combine their university studies with a career in competitive

RIGHT TO HIGHER EDUCATION

The Alma Mater undertakes to implement art. 34 of the Constitution through a system of tuition fees that is as fair and inclusive as possible. Full exemption is granted for ISEEs up to €23,000. Above this threshold, the tuition fees increase proportionally, with special subsidies for the lowest incomes. Students have access to a wide range of economic benefits, based on merit and/or income.

**14,404** ER.GO. (Regional Authority for the Right to Higher Education) study grants

**1,060,000 €** for scholarships for students from disadvantaged backgrounds, of which 40,000 € from ER.

**2,347** study grants for part-time collaborations within university services

**22,192** 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)

**1,852** ER.GO student accommodation spaces

**1,009** tutoring grants

**20,916** partial exemptions from tuition fees (calculated based on economic circumstances)

**450** merit-based scholarships





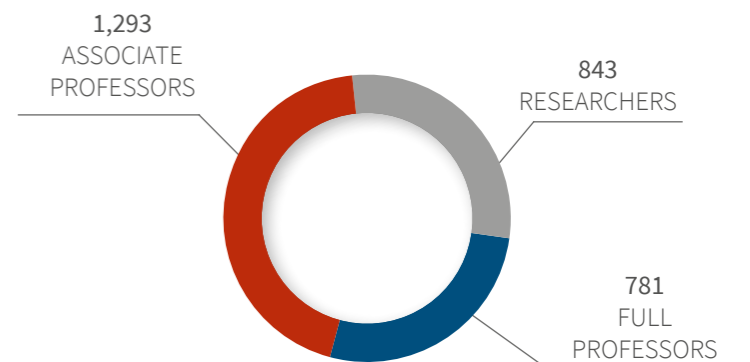
ANDREA, PHD STUDENT OF HEALTH, SAFETY AND GREEN SYSTEMS

# STAFF

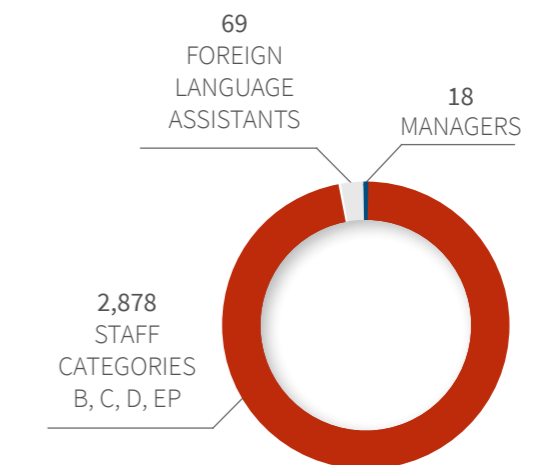
 TEACHING STAFF  
**2,917**

FULL, ASSOCIATE AND ASSISTANT PROFESSORS:  
2020 RECRUITMENT PROCEDURES  
ALREADY COMPLETED OR IN PROGRESS


- 186** FIXED-TERM ASSISTANT PROFESSORS
- 173** ASSOCIATE PROFESSORS
- 86** FULL PROFESSORS




 PROFESSIONAL STAFF  
**2,965**



## CAMPUS STAFF - ROMAGNA

 TEACHING STAFF

- 203** CESENA
- 219** FORLÌ
- 184** RAVENNA
- 148** RIMINI

 PROFESSIONAL STAFF

- 112** CESENA
- 149** FORLÌ
- 88** RAVENNA
- 101** RIMINI

**STAFF TRAINING**

Professional training is fundamental for improving the quality of the services provided. In 2020, a total of 3,550 hours of training were delivered and 4,225 persons were trained. Overall, 89.5% of professional staff has attended at least one training or professional refresher course, receiving on average 16.4 hours of training. It should be noted that also in 2020, the University significantly invested in health and safety training, including through the use of e-learning methods. A total of 66 courses were delivered, with 2,356 registered participants, including professional staff and other workers for whom investment in training is traditionally less of a priority. With regard to health and well-being, in concert with the CUG, 11 training seminars on "Dealing with change in emergency situations: psychological and physical well-being, effective relationships and work management" were delivered in synchronous learning mode and 7 in asynchronous mode with a total of 2,110 participants.

**ADVANCED TRAINING PROJECTS**

The University supports the involvement of staff in Advanced Training initiatives, as they represent tangible motivational and growth opportunities. During the 2020/2021 professional staff academic year, 72 members of the technical-administrative staff were enrolled on University degree programmes. From 2006 to date, 303 international mobility grants have been awarded to professional staff and, of these, 62 were for internships in non-European environments. Furthermore, Master's degree or post-graduate programmes were funded for 60 members of staff.

**DISABILITIES**

The University pays special attention to persons with special needs, having promoted initiatives for their inclusion for many years. These initiatives include the creation of the Office for Inclusion and Labour Protection, the goal of which is to promote entry to and permanence in the world of work throughout the person's working life. Planned actions include initiatives aimed at protecting disabled and/or vulnerable individuals, support in the provision of assistance and in adapting facilities, periodic monitoring of the inclusion initiatives introduced and the permanent mapping of disability in the University. This is supported by a widespread campaign to raise awareness in working environments and the creation of a collaborative network, both internal among institutional figures and services responsible for occupational well-being, and external with various local bodies concerned with disability.

**GUARANTEE COMMITTEE FOR EQUAL OPPORTUNITIES, EMPLOYEE WELL-BEING AND NON-DISCRIMINATION AT WORK - CUG**

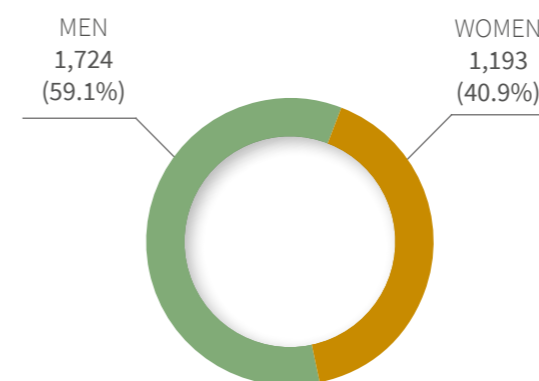
The CUG works actively on the development of an equal opportunities culture, the promotion of occupational well-being and measures against discrimination in the workplace. The Committee makes use of the University services dedicated to the promotion of organisational well-being and works in collaboration with the Confidential Counsellor, the Evaluation Unit and the Head of the Prevention and Protection Service and all those in the University assigned to work in the areas covered by the CUG. 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. In 2021, the CUG assisted with the drafting of the Gender Equality Plan (GEP 2021-2024) and will monitor its future implementation.

**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. Now in its sixth edition, the Gender Equality Report provides a detailed overview of our Alma Mater's gender composition, including students, teachers and professional staff. This document is a yearly reminder that there are still many changes that the University needs to make if we genuinely believe that the young people we are educating have the right to a fairer, more inclusive and diverse society. If the evolution and regeneration of ideas, thoughts and visions is too slow then we need to work harder and better. The pandemic emergency and the resulting crisis have further exacerbated the situation and, as gender research is already highlighting, the long-term consequences will have an impact that will once again penalise women in terms of scientific productivity and workload. The solution to this entails two essential steps. The first is to stop thinking that the pursuit of gender equality, work-life balance and combatting stereotypes is something that concerns almost only women: we are all being called upon to take a bold and decisive approach to a reality which, if made fairer, will also be more effective and produce thoughts, ideas and visions that are conducive to our growth as a community. The second is the adoption of an increasingly strong commitment to dialogue with the public in order to encourage change everywhere. The Gender Equality Reports of the Alma Mater will only show visible progress if we are able to actively combat stereotypes in our lecture halls, schools and youth gathering places, where there is an urgent need to also prevent all forms of gender-based violence, from the most common and seemingly harmless to the most serious manifestations.



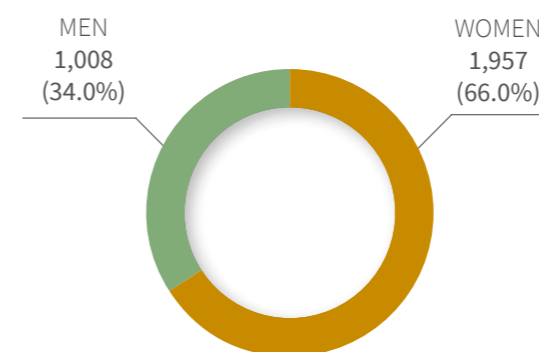
TEACHING STAFF



	MEN	WOMEN
FULL PROFESSORS	557 (71.3%)	224 (28.7%)
ASSOCIATE PROFESSORS	723 (55.9%)	570 (44.1%)
RESEARCHERS	444 (52.7%)	399 (47.3%)



PROFESSIONAL STAFF





GIORGIA, STUDENT OF ITALIAN STUDIES, EUROPEAN LITERARY CULTURES, LINGUISTICS

# TEACHING

A.Y. 2021/2022

The programme catalogue includes numerous and diversified courses: first-cycle, second-cycle and single-cycle degree programmes and postgraduate specialisms which guarantee the personal growth and professional development of the students. The value and quality of the courses offered is borne out by the increased number of enrolments in recent years.

Those enrolling with us can also depend on a large number of services designed to support and facilitate the entire educational journey: a welcoming orientation programme; the right to Higher Education, which is guaranteed by provisions made for able students who are lacking in means; recreational and sporting activities; foreign language tuition to facilitate international exchanges and periods abroad; degree programme mentoring systems and help in accessing the world of work.

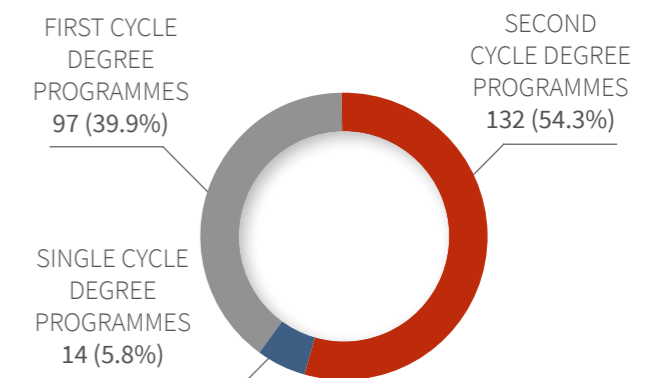


DEGREE PROGRAMMES (A.Y. 2021/2022)

**243**

OF WHICH 96 INTERNATIONAL:

- 56** TAUGHT IN ENGLISH
- 23** TAUGHT IN ENGLISH DOUBLE/MULTIPLE DEGREES
- 17** DOUBLE/MULTIPLE DEGREES NOT TAUGHT IN ENGLISH



## PROGRAMME CATALOGUE A.Y. 2021/2022 PER CAMPUS

CAMPUS	FIRST CYCLE DEGREE PROGRAMMES	SECOND CYCLE DEGREE PROGRAMMES	SINGLE-CYCLE DEGREE PROGRAMMES	TOTAL
BOLOGNA	66	93	8	167
CESENA	9	9	1	19
FORLÌ	6	12	1	19
RAVENNA	8	8	3	19
RIMINI	8	10	1	19
<b>TOTAL</b>	<b>97</b>	<b>132</b>	<b>14</b>	<b>243</b>

### UNIVERSITY LANGUAGE CENTRE (CLA)

The University Language Centre promotes language learning through courses aimed at Unibo 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 also supports students in preparing to take the language tests required as part of their programme of study and organises language proficiency tests for exchange programmes. The CLA has also developed the AlmaEnglish project to help professional staff achieve international certification in English free of charge, as well as the CLAAcademics project aimed at teachers, researchers, research fellows and PhD students who wish to improve their English language skills.

### ALMA MATHEMATICS

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 first- or second-cycle degree programmes (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.

### TEACHING INNOVATION: TEACHER TRAINING, DEVELOPMENT OF TRANSFERABLE SKILLS FOR STUDENTS AND THE MINOR PROJECT

The Teaching Innovation Centre promotes the continuous improvement of university teaching methods, as required by the University's quality management system, with a view to ensuring an incisive and effective learning process for the entire student community. It was created in order to allow teachers to develop methods and tools to support innovative teaching and a constructive relationship with the students. Since the launch of the project, a total of 1,040 hours of training has been provided and 3,409 teachers and researchers have been trained. Course units dedicated to the development of transferable skills have also been proposed. 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 2022/2023 A.Y., students may choose from 69 course units on topics related to entrepreneurship, the development

of communicative, managerial, dialogical and reasoning skills, and other skills related to health and safety and climate change issues. There are a total of 3,905 places available. From the A.Y. 2021/2022, the University will offer Minor programmes on a trial basis. These are optional, interdisciplinary courses, separate from the degree programmes, which supplement the students' studies and provide them with useful skills for their future studies and entering the world of work.

### INSTITUTE FOR HIGHER STUDIES

A centre for international and interdisciplinary excellence, where University and other external academics meet and interact with professors, researchers and students for the benefit of all. It collaborates with all the other University teaching and research structures. 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 99 students and, during the 2021/2022 A.Y., will offer 168 hours of curricular lessons, 160 hours of seminars and 50 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, it has hosted a total of 374 academics from 61 countries and has presented 286 lectures and 98 events, including the ISA Medal for Science awarded to researchers with an outstanding international profile, the ISA Topic research projects, the European Netias Lectures Series and the Battistini Lectures. It is an active member of the international networks of Institutes of Advanced Studies NetIAS (Europe) and UBIAS (global).

### 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 2020, 20,000 curricular internships were undertaken.



POSTGRADUATE TRAINING (A.Y. 2020/2021)

**48** PhD programme degree

**55** Specialization schools

**95** Master's Degree Programmes of which 19 international

• **1,819** PHD STUDENTS of whom 328 are not Italian from the following geographical regions

Europe	124
Asia	128
Africa	27
North America	9
Central and South America	39
Oceania	1

### PHD PROGRAMME DEGREES

The Alma Mater invests in young people: around 16 million euros were allocated to the funding of PhD student scholarships in the 37<sup>th</sup> cycle. In addition to these, direct funding from University structures and external public and private bodies is available, amounting to 14 million euros (a net increase on previous cycles), and 3 million euros are available from the Departments of Excellence and the departmental Strategic Development Plans. Grant funding for green and innovation projects funded through the national operational programme (PON) amounts to around 11 million euros. The overall budget for the 37<sup>th</sup> cycle amounts to more than 44 million euros. There are a total of 809 PhD places available in the 37<sup>th</sup> cycle. The relationship between industry and the local community is significant, attested to by the funding agreements in place with private companies and public bodies that altogether, in the 37<sup>th</sup> cycle, supported 18 industrial PhD programmes, 17 intersectoral PhD programmes and 3 advanced PhD apprenticeships. In particular, of the 48 PhD programmes accredited

### MASTER'S DEGREE PROGRAMMES AND PROFESSIONAL TRAINING COURSES

The wide range of master's degree programmes and professional and multidisciplinary courses offered by the University are an ideal way for students to complete their studies. Designed for the purposes of professional growth and developing new professional roles, the programme syllabi are based on the real needs of the world of work.

During the 2020/2021 academic year, the university ran 95 master's degree programmes (32 in the medicine disciplines, 39 in the social disciplines, 13 in the technical-scientific disciplines, and 11 in the humanities disciplines) and 36 postgraduate programmes, lifelong learning courses and summer and winter schools, which award university credits. This range is further supplemented by many courses that do not award credits but nevertheless give rise to important routes for the development of third mission activities.

in the academic year 2021/2022, 7 are in agreement or consortium with other Universities and public and private research bodies. With regard to the University's international profile, in 2021, ten new framework agreements were signed with international strategic partners, including the Collaborative Doctoral Partnership Agreement, in collaboration with the European Union Joint Research Centre – ISPRa, and the Consortium Agreement Una Europa Doctoral Programme in Cultural Heritage (Una-Her- Doc), in collaboration with Alleanza Una Europa partners.

In addition, 63 co-tutorships were signed, 43 of which for PhD students enrolled at the Alma Mater and 20 for PhD students enrolled at foreign universities. Collaboration with the China Scholarship Council is ongoing, with the pre-selection of excellent Chinese students in execution of the recently renewed Cooperation Agreement. The University also continues to collaborate with the Collegio di Spagna.

### BOLOGNA BUSINESS SCHOOL (BBS)

BBS is an international business school created by the University of Bologna to train a new generation of business leaders who are able to steer international growth and digital transformation while pursuing sustainability goals. Its interdisciplinary approach is focused on the practical aspects and offers a unique learning experience in collaboration with the Italian "champions of industry" particularly in the automotive, food and wine, sustainability, automation & robotics and luxury sectors. It is located in Bologna in Villa Guastavillani, a magnificent 16<sup>th</sup> century building.



PAOLO, GRADUATE IN PHILOLOGY, LITERATURE AND CLASSICAL TRADITION







# RESEARCH

The Strategic Plan promotes national and international scientific development in various different and multidisciplinary fields in line with the needs of society and the pursuit of the Sustainable Development Goals of the United Nation's 2030 Agenda. The University believes in responsible research and innovation and is committed to open science, research ethics and integrity, gender equality, public engagement and scientific education.

Open science is a particularly crucial model in the pursuit of scientific research that is in line with the innovative developments of global society in the digital age, in the promotion of cultural, economic, social and technological innovation processes at the local, national and international levels, and in contributing to the improvement of research conditions.

## OUTSTANDING MULTIDISCIPLINARY RESEARCH

The University promotes research in various knowledge areas through access to competitive funding and the University's position in the research system, at regional, national and European levels.

-  Agri-food, bioeconomics, natural resources, agriculture and the environment
-  Culture, creativity and inclusive societies
-  Health
-  Climate, energy and mobility
-  Digital, industry and space
-  Public safety

## STRATEGIC NETWORKING TO ACHIEVE GLOBAL GOALS

The University is party to over 160 collaborative framework agreements and joint laboratories in order to contribute to strategic research and innovation agendas and assert its role in meeting the most pressing challenges of our time, as well as to consolidate institutional relationships and collaboration at the national and international levels.

- Inclusive growth and combatting poverty
- Migration and integration
- Gender equality
- Cultural assets
- European identity and
- Educazione accessibile
- Scientific and technological competitiveness
- Public engagement
- Employment and social policies
- Economic transition and reforms
- Nanotechnologies and advanced materials
- Smart production processes industry 4.0
- Crime prevention and combatting terrorism
- Crisis prevention and management
- Digital security
- Artificial Intelligence, big data, 5g, internet of the future, cloud computing
- Safety and accessibility
- Intelligent systems and sensors
- Robotics, photonics
- Virtual and augmented reality
- Space observation and satellite navigation
- Precision medicine, personalized medicine, telemedicine
- Sustainability
- Climate change
- Resources, environment, energy
- CO2 reduction, decarbonisation
- Smart cities, intelligent
- Economic growth
- Sustainable agriculture
- Circular Economy
- Biodiversity
- Food production and safety, nutrition, health
- Responsible consumption

**COMPETITIVE PROGRAMMES**

**EUROPEAN PROGRAMMES**

- >148.8 mln €**  
**HORIZON 2020**  
 350 projects funded: 98 coordinated with 20 European Research Council (ERC) Principal Investigators, who decided to carry out their cutting-edge research at the University > 3,000 partners involved, of which 1,600 from the private sector
- >10 mln €**  
**OTHER EUROPEAN FUNDING**  
**INTERREG:** >6 million euros; 22 projects funded, 4 of which coordinated  
**LIFE:** >3.8 million euros; 11 projects funded, 4 of which coordinated  
**Creative Europe:** >0.2 million euros; 4 projects funded, 2 of which coordinated
- 2.3 mln €**  
**Joint initiatives (JPI, ERANET, PRIMA, ECSEL)**  
 12 projects funded between September 2020 and August 2021, to the tune of 2.3 million euros, including national co-financing on the ECSEL initiative

**NATIONAL PROGRAMMES**

- 113.8 mln €**  
**DEPARTMENTS OF EXCELLENCE**  
 Since January 2018, 14 Departments have been involved in the initiative funded by the Ministry of Education and Research (MIUR) to the tune of 113.8 million euros, with a further investment envisaged by the Structures involved of 54 million euros. To date, a total of 140 million euros have been invested:  
 > 14 million euros in highly qualified teaching activities  
 > 19 million euros in infrastructure  
 > 108 million euros in staff recruitment  
 This investment in excellence has resulted in:  
 > the award of 100 research grants and around 160 PhD scholarships  
 > the recruitment of 130 academic staff (professors and researchers) and professional staff, the investment of over 8 million euros in the enlargement and modernisation of premises and laboratories with the relative works already completed or in the process of being completed
- >20 mln €**  
**PRIN 2017:** > 130 projects funded, of which 40 with members of the Alma Mater in the role of 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-general" and "B-under 40" lines of funding"  
**PRIN 2020:** 62 projects funded, of which 40 with members of the Alma Mater in the role of national coordinators. Unibo ranks second among Italian universities in terms of the number of projects approved for which it is the national coordinator and third in terms of the amount allocated
- >2.5 mln €**  
**NATIONAL OPERATIONAL PROGRAMME (PON) FOR INNOVATION RESEARCH to date**  
 13 funded projects
- >1.3 mln €**  
**FISR 2019-2020**  
 14 funded projects

**REGIONAL PROGRAMMES**

- 33 mln €**  
**POR-FESR 2014-2020:** >22.5 million euros, 79 projects funded  
**PSR 2014-2020:** >3.5 million euros, 66 projects funded  
**Advanced Skills:** > 6.8 million euros, 142 projects funded

**RESEARCH IN SUPPORT OF THE COVID-19 EMERGENCY**

The University of Bologna has brought into play its multidisciplinary resources and skills and has committed to important projects in order to respond to the needs of industry and society with regard to the pandemic and to contribute to building a more resilient society. 25 specific projects have been funded, including an important study concerning the creation of a database and samples of research at the European level in relation to Covid-19. The actions taken include the creation of a database of skills, research and funded projects freely accessible to external users in order to facilitate the creation of multi-sectoral and multidisciplinary partnerships and to encourage the development of innovative solutions to the immense problems caused by Covid-19.

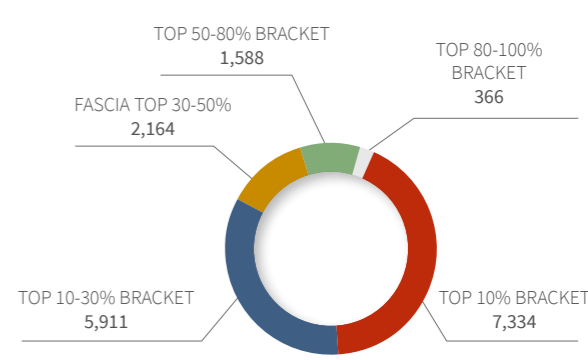
**SCIENTIFIC PRODUCTION**

Monitoring of scientific production, which began in 1997, 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 in accordance with the open access model. The data confirms that the scientific output of professors and researchers in 2018-2020 remained high.

2018	2019	2020
10,801	10,875	10,127

An analysis of Clarivate Analytics' Essential Science Indicators regarding articles published in 2011-2021 in journals indexed in the Web of Science Core Collection shows that the University is cited heavily in almost every discipline (21 out of 22) and that 1,017 articles written by University researchers are highly-cited papers, i.e. included in the top 1% of works cited at the global level (highly cited papers) and/or have had a particularly large number of citations in the past two months (hot papers). With regard to Scopus data (Elsevier, October 2021), more than 7,000 publications (42.2% of the total) from the 2018-2020 period recorded in the IRIS catalogue have been published in indexed journals that rank among the top 10% worldwide.

**DISTRIBUTION OF UNIVERSITY PAPERS IN SCOPUS BY JOURNAL IMPACT (2018-2020)**



**1,255 RESEARCH FELLOWS**

(as at 31/08/2021)  
 of whom 151 are not Italian and come from the from the following geographical regions:

Europe	77
Asia	42
Africa	10
North America	3
Central an South America	19



MARIA JULIANA, STUDENT OF POLITICS, ADMINISTRATION AND ORGANIZATION

# THIRD MISSION

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The University of Bologna has continued to invest in relations with civil society and businesses, thus facilitating the growth of an eco-system of innovation that promotes both economic and social growth. The University's Third Mission Observatory 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.

**28.8** MILLION EUROS IN 2020 FOR COMMISSIONED RESEARCH (NET OF THE VAT COLLECTED)

## INDUSTRIAL RELATIONS

**47 active framework agreements** with major businesses and business associations in key sectors (energy, ICT, chemicals, finance, automation, fashion and agri-food).

**7 Joint Research Laboratories with businesses**, in which university and company researchers, PhD and other students collaborate daily, with a mutual benefit deriving from the sharing of skills and approaches.

**5 Advanced Vocational Training schools** for employees of companies that have chosen to entrust the realisation of their “company academy” to the University of Bologna and that plan to roll out a series of courses co-designed with the company under the supervision of a scientific committee. 21 post-graduate programmes for companies commissioned on specific topics at the University of Bologna.

**1 COMPETENCE CENTER** in the context of the National Industry Plan 4.0. BI-REX (Big Data Innovation & Research Excellence). This is a public-private partnership of 43 companies and 12 universities and research bodies, the creation of which was led by the University of Bologna, and which represents a strategic partner for the University for many innovation and training initiatives targeted in particular at small and medium enterprises.

**Placement services.** In 2021, more than 7,000 Italian and international companies published 4,100 job offers on the online noticeboard and consulted 50,000 CVs of the University's graduates. The University organises various initiatives to bring graduates together with representatives from the world of work such as career days, sector specific recruitment weeks (for example, in 2021: Pharma&Biotech, Legal, StartUp, Industrial Partnership) and initiatives with individual companies. In 2021, all of the initiatives took place online and involved over 160 companies.

**37 ACTIVE AND ACCREDITED SPIN-OFFS IN 2020**, 15 of which with investment, via Almacube, in the share capital. These 37 businesses generate revenues of more than 19.8 million euros (2020).

**12 ACTIVE AND ACCREDITED START-UP BUSINESSES IN 2020**, 1 of which with investment through Almacube. These businesses generate revenues of around 0.5 million euros (2020).

## 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 13 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.

**INITIATIVES TO SUPPORT ENTREPRENEURSHIP**

**PoC (Proof of Concept)**

PoC is a funding opportunity aimed at the University's research staff in order to support the development, testing and validation of innovations patented by the University in order to maximise the benefits to be gained from their exploitation in the industrial sector.

**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 Program**

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**

An internal 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, CBI e SUGAR**

The University is part of the Design Factory Global Network (DFGN) 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.

**Start up day**

A networking event on innovation and entrepreneurship that brings together the main system players, researchers, spin-offs, start-ups and startupper (students with entrepreneurial ideas) and players (students who make their skills available). In 2021, the event was conducted online and had 2,000 participants and 18,000 views.

**Student4Africa**

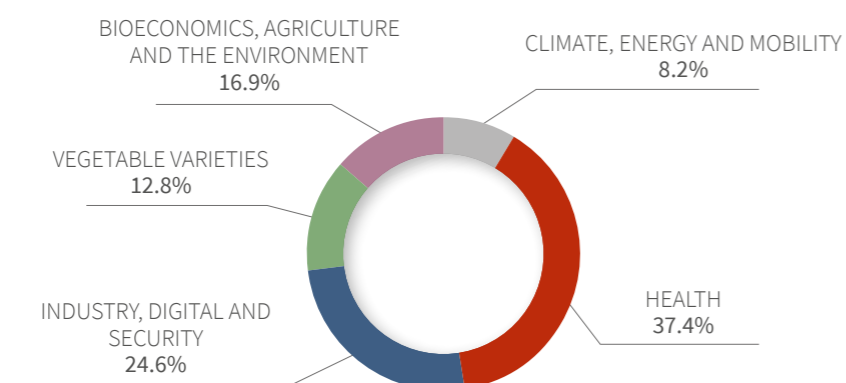
A project set up to support business generation designed and managed in collaboration with the Alma Mater Foundation. It seeks to support students and, looking ahead, any prospective PhD students in the development of projects with a potential impact on Africa.

**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**

122 new patent applications filed in 2020, 26 of which were new submissions. As at 31/12/2020, the University's active patent portfolio contained 520 titles, deriving from 170 inventions. It also has 25 patented vegetable varieties. As at 31/12/2020, around 20% of the patent families (licenses, options, etc.) and 90% of the vegetable variety families were being exploited.



**SOCIAL ENGAGEMENT COOPERATION AND DEVELOPMENT**

The University of Bologna promotes initiatives to raise awareness 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.

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 “Italian support for university education in Somalia” initiative, which promotes advanced training in Italy for graduates of the Somali National University
- in 20 Erasmus Plus Capacity Building projects, 5 of which entail coordination responsibilities, thus making the Alma Mater among the most active European universities in this area. These Capacity Building projects provide support in strengthening universities located in the southern hemisphere
- in 2 training and technical support initiatives in the Western Balkans in a coordinating role, funded by the Italian Cooperation Agency
- in 6 projects funded by the Italian Cooperation Agency under the umbrella of programmes concerning civil society organisations
- in 2 funded projects concerning cooperation in the development of the European Union, both of which concern education on the theme of developing global citizenship
- in 5 NGO projects funded by the Emilia-Romagna Region for decentralised cooperation
- in 2 European “Intra-Africa Mobility” projects in order to promote the development and implementation of new mobility schemes between African universities. The University of Bologna acts as a technical partner.

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

The University of Bologna is opening its doors to refugee students: through a process of guidance and selection, students can complete their studies and rebuild their future. The UNIBO4REFUGEES project allows students to enrol on course units and Italian language courses of the University of Bologna, as well as on degree programmes once protection is obtained, without having to pay any fees. The University Corridors for Refugees UNI-CO-RE project is promoted by 22 Italian universities with the support of the UNHCR, the Ministry of Foreign Affairs and International Cooperation, Italian charities, Diaconia Valdese and other partners. The goal is to increase opportunities for refugees currently resident in Ethiopia to continue their higher education in Italy.



## PUBLIC ENGAGEMENT

The University engages with the public through its many public relations activities: articles, interviews, videos, podcasts, events held in person and online, including the Researcher's Night, which is held each year in all the towns of the Multicampus. In addition to these activities, there are exhibitions, guided tours, seminars, conferences, ceremonies, shows and workshops organised by the University, the Departments and Research Centres.

**UniboMagazine** is the University's online information medium. The magazine is divided into 8 thematic sections and is connected to the University's social media sites. It offers the University's perspective on university events and the university sector in general, reports on cultural initiatives and awards, features guest writers, and provides further information on innovations and research.

Since 2021, the University of Bologna has an Instagram account dedicated to the promotion of research and culture. The **@uniboPER** channel, which is aimed at young people and the public, gives access to topics and research projects developed by the Alma Mater's teaching and research community. It provides the latest news on recent discoveries and innovations across all disciplines, publishes the weekly Unibocultura listings open to the public, and offers authoritative sources and insights to help understand and interpret current affairs. @UniboPER is also a virtual space in which it is possible to discover buildings and places of study and research and to appreciate the history of the women and men that have left a legacy of culture, knowledge and research, contributing to the development of modern society.

The University has had its own podcast channel on Speaker since 2021, with 2 sections dedicated to the spread of scientific popularization. **Research Corner** is a podcast in which researchers of the Alma Mater discuss scientific and cultural topics of interest. **AlmaLectio** presents masterclasses given by scientists, intellectuals and illustrious figures who over the years have been invited by the University to share what they know and contribute to the spread of knowledge.

In 2021, the **Unibocultura** project continued with the Zambè summer festival in the heart of the university district, dedicated to the Alumni of the Alma Mater who have contributed to the University's history, and with the guided tours of the University's historical buildings where university life unfolds. Unibocultura also collaborated, together with RAI Cultura as part of the "Magnifiche" project, in the production of a documentary on the Alma Mater.

## UNIVERSITY LIBRARY SYSTEM (SBA)

The Library System is the coordinated set of libraries and facilities that provide bibliographic and documentary services to the University to support education as well as teaching, research, professional and cultural activities. It has a total inventory of 4.3 million volumes and 6,200 journal subscriptions, with over 5,600 workstations for study and research. It offers services such as the inter-library loan of books and articles (also through agreements with other universities and bodies), guidance and support in conducting bibliographic research, information literacy training, and open access support. As well as the standard library services, it also provides access to 800 databases, 55,000 online periodicals, and 620,000 e-books.

## BOLOGNA UNIVERSITY LIBRARY (BUB)

The University's central library focuses on the protection, use, valorisation and development of the antique print and manuscript collections, including the post-Napoleonic document archives. It also provides support for research through a broad modern collection available in an automated storage system. It is the official editorial repository for the metropolitan area of Bologna. It also comprises the "Umberto Eco" International Centre for Humanities. The BUB promotes public engagement (guided tours of the monumental rooms, temporary exhibitions, outreach initiatives) with a view to strengthening dialogue and relations with civil society. It also provides free access online and through its social networks to digital copies of extracts or entire collections - papyruses in Greek and Latin, Greek and Arabic manuscripts, Aldrovandian tales, antique works in print, catalogues and photographs - so as to ensure free enjoyment of the same.

## UNIVERSITY MUSEUM NETWORK (SMA)

The network comprises 15 structures - including Museums, Collections and a digital museum space - dedicated to various disciplines. The University Museum Network is heavily involved in teaching activities for school pupils at all levels, as well as in the protection of assets through conservation, restoration and cataloguing measures that ensure maximisation of the benefits deriving from the collections also for research and learning purposes. The network also promotes public engagement activities and the dissemination of scientific culture in collaboration with public and private national and international institutions. With a view to keeping an open and continuous dialogue with the public, the network is using digital communication tools that allow a new approach to museum heritage.

## THE FEDERICO ZERI FOUNDATION

This centre for research and specialist training in the field of art history, established to protect and disseminate the works and legacy 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 addition of new photographic collections to the original collections has significantly increased the assets, which today comprise 435,000 photographs of monuments and works of art. The University's goals include the cataloguing and digitalisation of the photographic library: currently the online database contains more than 180,000 images, a number which continues to grow. It can be accessed free of charge and is considered the most important repository of Italian art conserved on the web. There has also been an intensive focus on advanced training with seminars and courses on art history and the cataloguing of photographic archives, which represent a significant opportunity for learning and updating skills in the field.

## THE LUISA FANTI MELLONI FOUNDATION

This foundation promotes research into the treatment of heart attacks, cardiology and related disciplines. Each year PhD scholarships are awarded in the field of cardiology with a particular focus on heart attacks and ischaemic heart disease. In 2021, the Luisa Fanti Melloni Foundation incorporated the Galletti Foundation, the mission of which is the promotion of research into Alzheimer's and neurodegenerative diseases and the development of research projects and other activities aimed at increasing and spreading knowledge of these diseases.

## 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.



ANTONIO, STUDENT OF COMPUTER ENGINEERING

# INTERNATIONALISATION

A.Y. 2020/2021

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 involvement of the institutional players, impacts on all aspects of academic life. The internationalisation strategy is maintained through numerous external partnerships and collaborations.

The University develops its internationalisation strategy through targeted interventions in different parts of Europe, but with a growing focus on the global dimension, collaborating with institutions in an increasing number of countries through strategic partnerships, agreements, exchanges and mobility programmes at all levels, joint activities and projects funded through national and international competitive programmes as well as through its own funds.

## EUROPE

The University of Bologna ranks among the highest in Europe in terms of the number of exchange students and with regard to the extent of funding awarded in the context of the Erasmus+ programme.

It also stands out in terms of the high number of graduates who have participated in exchange programmes, a high rate of credit recognition, its commitment to improving language skills and to strengthening international cooperation. The University coordinates or participates in more than 100 education and training projects funded by the European Union.

## STUDENT MOBILITY

← FROM BOLOGNA TO EUROPE (ERASMUS + COUNTRIES)

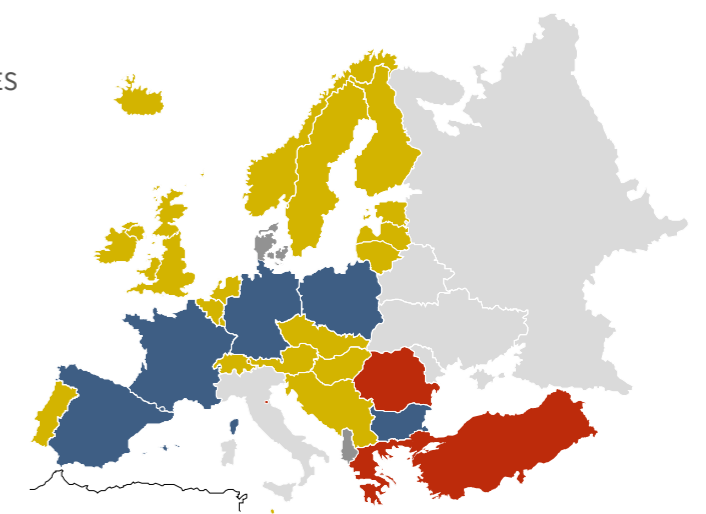
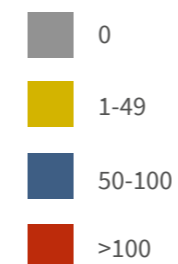
**1,908**

FROM EUROPE (ERASMUS+ COUNTRIES) TO BOLOGNA →

**1,321**

EUROPEAN STUDENTS (ERASMUS+ COUNTRIES) ENROLLED ON DEGREE PROGRAMMES

**1,937**



## UNA EUROPA

As of April 2018, the University of Bologna, together with seven other prestigious European universities – Freie Universität Berlin (Germany), University of Edinburgh (Scotland), Helsingin Yliopisto (Finland), Uniwersytet Jagielloński (Poland), KU Leuven (Belgium), Universidad Complutense de Madrid (Spain), Université Paris 1 Panthéon-Sorbonne (France) – has been part of the European university alliance known as Una Europa. This alliance has opened up a shared, multilingual and multidisciplinary academic space and its goal is to create a European University.

The European Commission has funded 2 projects submitted by Una Europa in relation to the initiatives of European alliances.

The **1Europe** project is implementing innovative teaching, joint training and public engagement initiatives, focusing on the four themes (European Studies, Sustainability, Cultural Heritage, Data Science/ Artificial Intelligence), and encouraging the mobility of students, teachers and professional staff between the universities of the Alliance.

The **Una.Resin** project seeks to develop joint strategies for research and innovation, the sharing of infrastructure and resources, and strengthening human capital. Funding for the projects amounts to 2 million euros over 3 years. The pilot initiatives will make it possible to test innovative models of transnational and interdisciplinary collaboration, thereby contributing to the construction of a common research and innovation ecosystem that is open and inclusive.

With a view to developing joint activities, Una Europa has set up a branch in Brussels which serves as an operational point of liaison for the realisation of activities, projects and initiatives of the Universities of the network.

## WORLD



STUDENTS FROM  
NON-EUROPEAN COUNTRIES ENROLLED  
ON DEGREE PROGRAMMES

### 4,543

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 started implementing actions to maximise the benefits of the network of international agreements developed over recent years. Between 2017 and 2021, a specific internal funding programme made possible the development of 50 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 100 universities in 27 countries all over the world, with established destinations such as the United States and Australia, or countries experiencing rapid change such as Singapore, Hong Kong, Sub-Saharan Africa and South East Asia.

As part of the Erasmus Plus KA107 ICM programme, the University collaborates with over 35 universities in 19 countries (Africa, the Middle East, the Balkans, Russia, Central and South East Asia and Latin America). The mobility schemes put in place are for PhD and other students, teachers and professional staff. The University has 6,480 international students enrolled on its degree programmes, a trend that has continued to grow since 2015 with a significant number of students coming from outside of the European Union. The University of Bologna is an active member of various international networks (IAU - International Association of Universities, EUA – European University Association, GUILD of European Research Intensive Universities, Coimbra Group, Utrecht Network, UNIMED, Europaeum, Scholars at Risk).

## STUDENT MOBILITY

### NORTH AMERICA

Active agreements	43
Exchange students:	
incoming	1
outgoing	35
Double, multiple or joint degree programmes	4
STUDENTS enrolled at the University of Bologna	90

### LATIN AMERICA

Active agreements	96
Exchange students:	
incoming	55
outgoing	24
Double, multiple or joint degree programmes	3
STUDENTS enrolled at the University of Bologna	421

### AFRICA AND THE MIDDLE EAST

Active agreements	36
Exchange students:	
incoming	44
outgoing	8
Double, multiple or joint degree programmes	1
STUDENTS enrolled at the University of Bologna	1,335

### BALKANS, NEAR EAST, RUSSIAN FEDERATION

Active agreements	47
Exchange students:	
incoming	35
outgoing	7
Double, multiple or joint degree programmes	1
STUDENTS enrolled at the University of Bologna	1,075

### ASIA

Active agreements	79
Exchange students:	
incoming	19
outgoing	7
Double, multiple or joint degree programmes	5
STUDENTS enrolled at the University of Bologna	1,612

### OCEANIA

Active agreements	25
Exchange students:	
incoming	0
outgoing	11
Double, multiple or joint degree programmes	0
STUDENTS enrolled at the University of Bologna	10

# DIGITAL TRANSFORMATION

## SYSTEMS, INFRASTRUCTURE AND DIGITAL TRANSFORMATION

The University's multicampus structure has more than 150 interconnected locations that are connected to the Internet by over 600 km of optical fibre. More than 1,300 WiFi access points are available, 180,000 institutional mailboxes process about 177 million emails every year. The two server farms offer 550 virtual servers and 600 terabytes to support academic services.

DIGITAL EXAM TRANSCRIPTS	473,785	DOCUMENTS SIGNED ELECTRONICALLY	over 150,000
DIGITALLY MANAGED REGISTERS	12,204	DOCUMENTS REGISTERED DIGITALLY	471,648
ENRANCE EXAM REGISTRATIONS SUBMITTED ONLINE	85,528	ONLINE TEACHING FEEDBACK FORMS	314,804
ONLINE MATRICULATIONS	38,409	DIGITALLY MANAGED TEACHING AND TUTORING CONTRACTS DIGITALLY	5,487
DEGREE PROGRAMME APPLICATIONS SUBMITTED ONLINE	19,751	MANAGED CONTRACTS FOR DOCTORS UNDERTAKING SPECIALIST TRAINING	627
STUDENT CERTIFICATES PRODUCED ONLINE	221,802	DIGITALLY MANAGED LEARNING AGREEMENTS	5,813
		INTERNSHIP APPLICATIONS SUBMITTED ONLINE	47,872

## WEB AND SOCIAL MEDIA

With an online presence has always been among the most significant in the public sector, the University continues to expand its web visibility, providing students and staff with the latest tools for the creation of content and access to 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. It has a MOOC platform which has around 18,000 registered users. The mobile apps, which were developed with student involvement, had over 260,000 downloads, of which 150,000 for the myUnibo app dedicated to students' careers, around 100,000 downloads for myAlmaOrienta, which offers entry-level guidance to potential new students and around 12,000 downloads for the job placement app.

## REMOTE AND BLENDED LEARNING IN LIGHT OF THE COVID-19 EMERGENCY

The tools and platforms provided to support blended learning and remote exam and final dissertation sessions have been consolidated.

**Virtuale** is the heart of the University of Bologna's Virtual Learning Environment (VLE). Users can configure each course offered by the University and attend virtual lectures (synchronous learning). It also incorporates the Panopto video platform to enable professional lesson recordings (asynchronous learning).

**Presente** is an application integrated with the lecture timetables that allows teachers to indicate the lecture delivery method and students to book to attend the lecture in person, so as to guarantee safe access to the lecture halls and enable tracking of the attendees.

**EOL - Esami Online** is a platform enabling written exams to be taken online and is integrated with the existing exam management system (AlmaEsami).

The virtual desktop platform allowing professional staff to connect in order to use University resources has also been completed. Those currently in use are complete virtual workstations which have allowed more than 2,000 staff members to perform from home the same work that they would perform if present in the office.

A further two applications have been made available with a view to creating a paperless approval process, thereby substantially reducing the quantity of hard-copy documents necessary: the Virtual Paperwork platform for documents that require a digital signature and the Online Forms platform for application forms for internal use that can be completed electronically.

CLASSROOMS SET UP FOR BLENDED LEARNING	805	ENTRANCE EXAMS FOR:	
Bologna	529	TOLC@CASA TEST TO ACCESS THREE-YEAR DEGREE PROGRAMMES	
Romagna Campus	276	Candidates	37,980
LEARNING ACTIVITIES AVAILABLE ONLINE (VIRTUALE)	9,313	Sessions	1,266
MEETINGS HELD ONLINE USING THE TEAMS	over 100,000	ACCESSO TO SECOND-CYCLE DEGREE PROGRAMMES	
PROGRESS EXAMS TAKEN ONLINE	461,279	Candidates	3,222
Exam sessions	12,995	Exams	25
DEGREE PROGRAMMES DELIVERED ONLINE	21,346	FREE ACCESS COURSES FOR THE PURPOSE OF ASSIGNING ADDITIONAL LEARNING REQUIREMENTS	
PARTICIPANTS TO ORIENTATION		EVENTS	
Virtual Open Days	5,500	Candidates	916
Alma Orienta Virtual Fair (first and single-cycle degree programmes)	24,000	Exams	10
Second-cycle degree programmes	9,500		



JASMINE, GRADUATE IN LAW

# SUSTAINABILITY

## 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. It 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. At the same time, it pursues economic sustainability and social equality for all its users while endeavouring 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 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, with the involvement also of local stakeholders, in order to guarantee that the actions are integrated across all campuses.

In this context, the Sustainable Multicampus project was launched in 2017, a structural undertaking that seeks to focus attention on the needs and habits of the university community and their relationship with the environment. It envisages new management models able to reduce the environmental impact of University polices, contribute to improving well-being in university spaces and incentivise the community to be more attentive to protecting the world around them through more proactive and responsible behaviour. With a view to effectively achieving the goals of the Sustainable Multicampus project, and building on its international experience, the University set up two Green Offices, known by the acronym GOAL (Green Office ALma Mater), in Bologna and in Romagna. The activities of the GOAL, which are comprised mainly of members of the University community, will be performed mainly by students and coordinated by the Construction and Sustainability Division to ensure they are compatible and in line with University policies.

### THE FOUR THEMES ADDRESSED BY THE SUSTAINABLE MULTICAMPUS PROJECT:

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

100% energy from photovoltaic systems

**MOBILITY:** guiding the University community towards the use of sustainable forms of transport

>4,200 passes purchased (1/01/2021 - 30/06/2021)

**ENVIRONMENT:** promoting natural resources and green spaces, also through targeted construction work in areas surrounding the University

225,000 500 ml plastic bottles saved (since project launch)

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

1,500 participants in "Il Nastro Verde 2021"

### 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 GREEN AREAS
- PROMOTION OF THE EFFICIENT USE OF RESOURCES AND PROPER WASTE MANAGEMENT
- SOCIAL RESPONSIBILITY INITIATIVES AIMED AT IMPROVING INDIVIDUAL WELL-BEING
- PROMOTION OF HEALTHY LIFESTYLES AND SPORTING ACTIVITIES

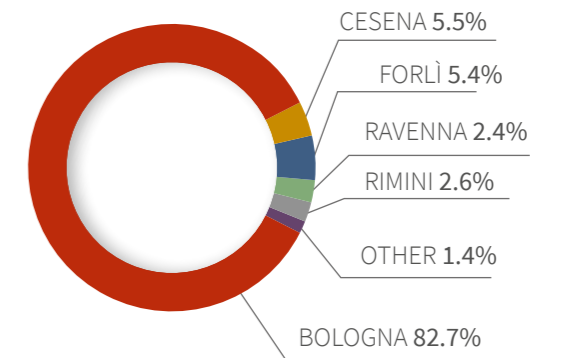


SIMONA, STUDENT OF BUSINESS ADMINISTRATION

# CONSTRUCTION AND FINANCIAL REPORTING

## BUILDINGS - THE MULTICAMPUS MODEL

The University model adopted by Alma Mater is unique at both national and international levels. 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. It has a surface area of 1,036,109.13 m<sup>2</sup> and pursues a plan of development and consolidation of the buildings and structures on the various sites.



## THE MOST IMPORTANT WORKS IN FIGURES

WORKS IN PROGRESS	USE	TOTAL (MLN €)	(M <sup>2</sup> )
Navile district complex, Bologna	Departments of: Chemistry "Giacomo Ciamician" Industrial Chemistry "Toso Montanari", Pharmacy and Biotechnologies, Physics and Astronomy (in partnership with the National Astrophysics Institute), Astronomical Observatory, student halls of residence	133.3	74,000
The biomedical tower, Bologna	Buildings for biomedical teaching and research and in the Sant'Orsola Polyclinic area	25	10,600
Student halls of residence and university buildings in the "former Lazzaretto Bertalia" area, Bologna	Department of Civil, Chemical, Environmental and Materials Engineering and Local Organizational Unit (UOS) for Architecture, 2 student halls of residence (382 accommodation units), 1 services building (classrooms, laboratories and students' area)	44.6	25,000
Remediation and conservative redevelopment of the Sauli and Saffi pavilions, Forlì	Department of Interpreting and Translation, Department of Business Science, Campus archives and storage areas	9.7	5,200
New campus in the former "Zuccherificio" (sugar factory) work units 6, Cesena	Department of Psychology and spaces for student services and the administration of the Cesena and Forlì Campus Area (ACCF)	16.9	11,100
New teaching laboratories and library, Ravenna	Teaching laboratories, classrooms, services for students	3.4	1,050

## THE SOCIAL RESPONSIBILITY REPORT

Improved every year in response to the feedback from our counterparts, it fuels constant thought, assessment and debate both within and outside our academic walls, with a particular emphasis on the multi-campus dimension.

The 2020 Social Responsibility Report comprises 5 sections:

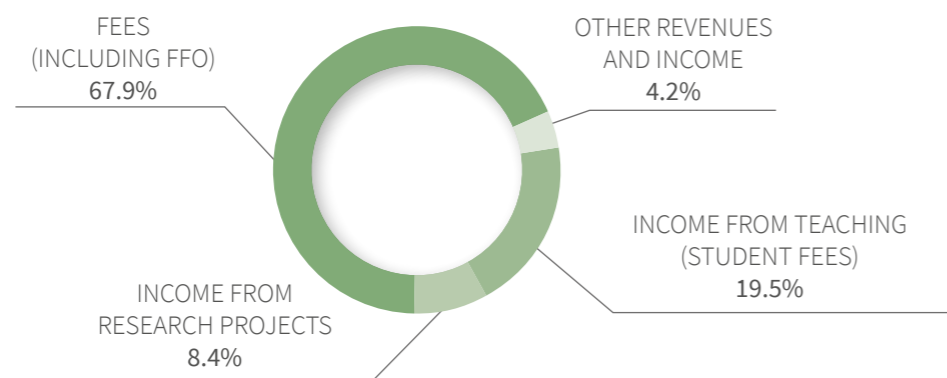
- Identity, strategies
- Organisational structure
- Reclassification of accounting and net worth data
- Activities and Results
- Procurement policies and environmental impact.

**FINANCIAL STATEMENTS**

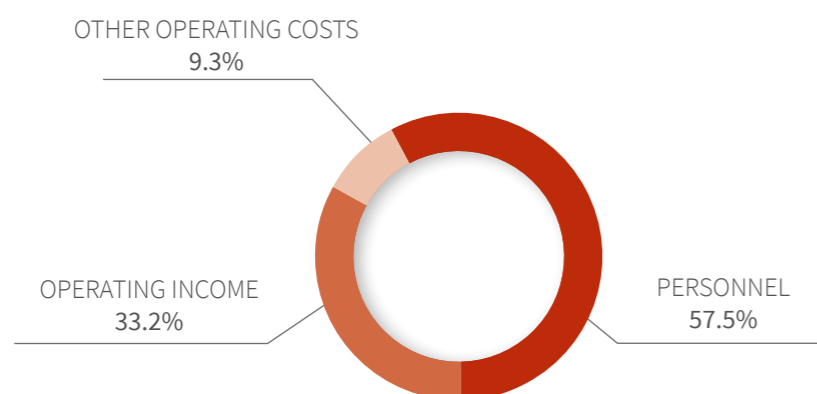
**STATEMENT OF ASSETS AND LIABILITIES AS AT 31/12/2020 (MLN €)**

<b>TOTAL ASSETS</b>	<b>1,401.1</b>
of which	
INVESTMENTS	
<b>TANGIBLE FIXED ASSETS</b> , of which	<b>456.4</b>
LAND AND BUILDINGS	314.0
FIXED ASSETS UNDER CONSTRUCTION AND PAYMENTS ON ACCOUNT	82.4
<b>INTANGIBLE FIXED ASSETS</b> , of which	<b>43.0</b>
FIXED ASSETS UNDER CONSTRUCTION AND PAYMENTS ON ACCOUNT	8.3
EXTRAORDINARY MAINTENANCE OF THIRD-PARTY ASSETS	34.4

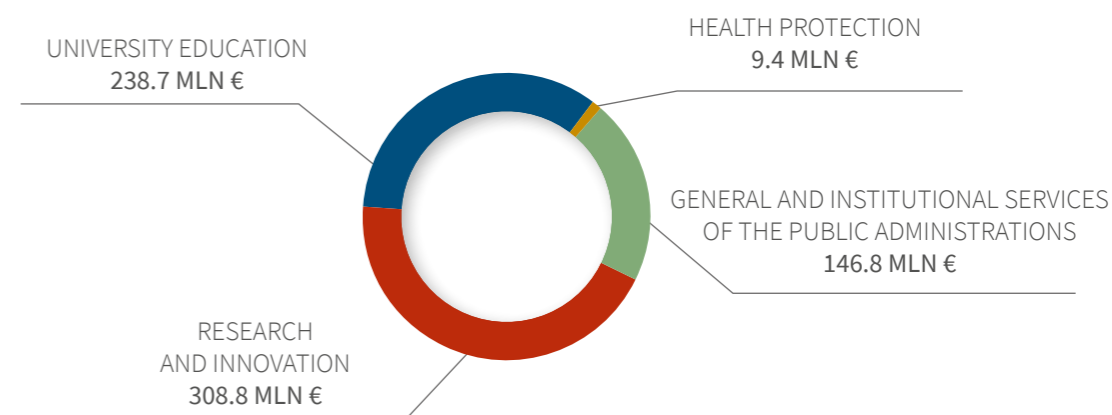
**INCOME ANALYSIS 2020 (PROFIT AND LOSS)**  
OPERATING INCOME: TOTAL **660.7 MLN €**



**COST ANALYSIS 2020 (PROFIT AND LOSS)**  
OPERATING COSTS: TOTAL **633.5 MLN €**



**2020 UNIVERSITY COSTS RECLASSIFIED IN MISSIONS**  
TOTAL **703.7 MLN €**



**PERCENTAGE SPENT ON PAYROLL COSTS**

YEAR	BOLOGNA	MEDIUM-LARGE UNIVERSITIES
2017	64.2%	68.1%
2018	63.6%	68.3%
2019	60.3%	69.3%
2020	62.8%	65.6%

The positive indicator of financial sustainability (isef= 1,26, which is good in that it exceeds the legal requirement of 1) together with the percentage of payroll costs (less than the legal limit of 80%) position the University among the leaders in the allocation of resources in 2021 for the recruitment of staff and career advancement.

**ORDINARY FINANCING FUND (FFO): TREND FOR 2015-2020 AND PERCENTAGE OF TOTAL**

YEAR	AMOUNT FFO BOLOGNA MLN €	WEIGHT FFO BOLOGNA/ FFO ITALY %
2015	393.2	5.8
2016	388.3	5.7
2017	391.2	5.7
2018	412.7	5.7
2019	413.4	5.7
2020	423.0	5.7

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



SABRINA, STUDENT OF DRAMA, ART AND MUSIC STUDIES



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

**Strategic Plan 2019-2021** | [unibo.it/pianostrategico](https://unibo.it/pianostrategico)

**Social Responsibility Report** | [unibo.it/bilanciosociale](https://unibo.it/bilanciosociale)

**Gender Equality Report** | [unibo.it/bilanciodigenere](https://unibo.it/bilanciodigenere)

**U.N. Sustainable Development Report** | [unibo.it/SDGs](https://unibo.it/SDGs)

**Gender Equality Plan 2021-2024** | [unibo.it/pianouguaglianzadigenere](https://unibo.it/pianouguaglianzadigenere)

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**Data updated on 30/08/2021**

**Editorial project**

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