



# ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



9 CENTURIES OF HISTORY

# 9 CENTURIES OF HISTORY

## 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.

## ONE CITY, MANY NATIONS

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

## 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.



XII sec.

XIII sec.

XIV-XV sec.

XVI-XVIII sec.

## FREEDOM OF RESEARCH

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

## BROADENING THE HORIZONS OF KNOWLEDGE

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.

# 9 CENTURIES OF HISTORY

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## THE MOTHER OF ALL UNIVERSITIES

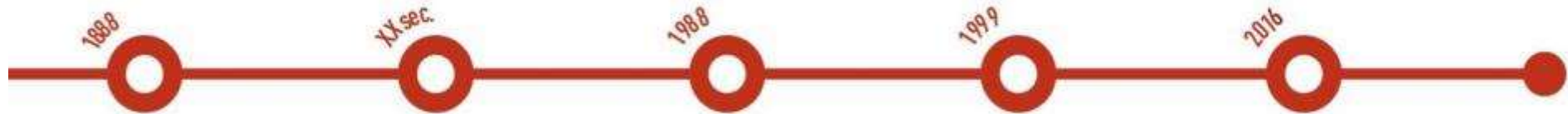
In 1888, the University celebrates its eighth centenary, a grand event held in Bologna attended by representatives of all the world's universities, honouring the Alma Mater Studiorum as the mother of all universities. The celebrations in Bologna become an international festival of education.

## UNIVERSITY, AN INTERNATIONAL AGREEMENT

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

## THE UNIVERSITY LOOKS TO THE FUTURE

In order to implement a planning process for tackling today's challenges, 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.



## NEW CHALLENGES

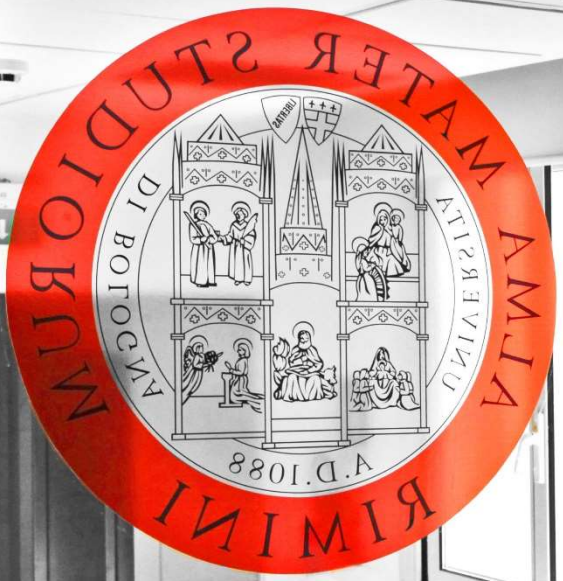
The University continues to play an undisputed central role among many other places of learning and research institutions. It continues to cooperate with all major institutions in the world, within an increasingly dynamic and complex global framework.

## BOLOGNA PROCESS

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



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



**MULTI-CAMPUS UNIVERSITY**

# UNIVERSITY GOVERNING BODIES

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## 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**
- **Board of Governors**
- **Board of Auditors**
- **University Evaluation Unit**
- **Director General**

## AUXILIARY BODIES

- **Student Council**
- **Technical and Administrative Staff Council**
- **Sponsors' Committee**
- **Student Ombudsman**
- **Guarantee Committee for Equal Opportunities, Employee Wellbeing and Non-Discrimination at Work**



## **SCHOOLS AND DEPARTMENTS**

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**Through its organizational structures, 5 School and 32 Departments, the University of Bologna coordinates teaching and research activities in all disciplines.**

### **5 SCHOOLS**

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



## **MEDICINE: DEPARTMENTS**

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





## **SCIENCE: DEPARTMENTS**

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- 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: DEPARTMENTS**

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



## **TECHNOLOGY: DEPARTMENTS**

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- 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: DEPARTMENTS

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- 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



# MULTI-CAMPUS UNIVERSITY

## MULTI-CAMPUS UNIVERSITY

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

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



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# THE NUMBERS OF THE MULTI-CAMPUS UNIVERSITY

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MULTI-CAMPUS UNIVERSITY



NUMBER OF STUDENTS IN BOLOGNA

77,6% on total

TEACHING STAFF



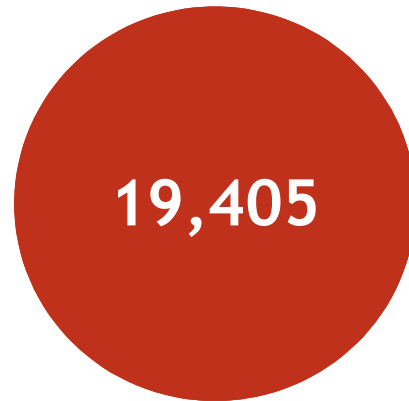
TECHNICAL- ADMINISTRATIVE STAFF



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# THE NUMBERS OF THE MULTI-CAMPUS UNIVERSITY

## TOTAL NUMBER OF STUDENTS IN THE ROMAGNA CAMPUSES



**22.4%** on total

4,662 Cesena  
6,297 Forlì  
3,330 Ravenna  
5,116 Rimini

## ROMAGNA CAMPUSES PERSONNEL



200 Cesena  
203 Forlì  
166 Ravenna  
146 Rimini



104 Cesena  
157 Forlì  
87 Ravenna  
103 Rimini



# CESENA CAMPUS

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ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
CAMPUS DI CESENA

## School

- 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





# FORLÌ CAMPUS

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ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
CAMPUS DI FORLÌ

## School

- Economy 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

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ALMA MATER STUDIORUM  
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CAMPUS DI RAVENNA

## 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

## 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

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ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
CAMPUS DI RIMINI

### **Schools**

- Economia e 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



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

## RESEARCH AND TRAINING CENTRES

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- 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

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MULTI-CAMPUS UNIVERSITY

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



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# UNA EUROPA (EUROPEAN UNIVERSITY ALLIANCE)

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**MULTI-CAMPUS UNIVERSITY**

Six prestigious European Universities – Freie Universität Berlin (Germany), University of Bologna (Italy), Uniwersytet Jagielloński (Poland), KU Leuven (Belgium), Universidad Complutense de Madrid (Spain), Université Paris 1 Panthéon-Sorbonne (France) – speak internationally with a single voice since April 2018. Tight synergies open new scenarios in the field of higher education and scientific research, looking towards the birth of a true European University.



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# ALMA MATER ADOPTION OF THE UN 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

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**MULTI-CAMPUS UNIVERSITY**

With a view to accepting 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 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.



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# ALMA MATER ADOPTION OF THE UN 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

MULTI-CAMPUS UNIVERSITY

## SUSTAINABILITY RELATED COURSE UNIT

Clinical and Health	603
Natural and Life Sciences	654
Technology and Engineering	1,150
Management and Social Sciences	1,023
Arts and Humanities	975
<b>TOTAL</b>	<b>4,405</b>





# ALMA MATER ADOPTION OF THE UN 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

MULTI-CAMPUS UNIVERSITY

## SUSTAINABILITY RELATED RESEARCH PROJECTS

Clinical and Health	18
Natural and Life Sciences	31
Technology and Engineering	12
Management and Social Sciences	83
Arts and Humanities	8
<b>TOTAL</b>	<b>152</b>

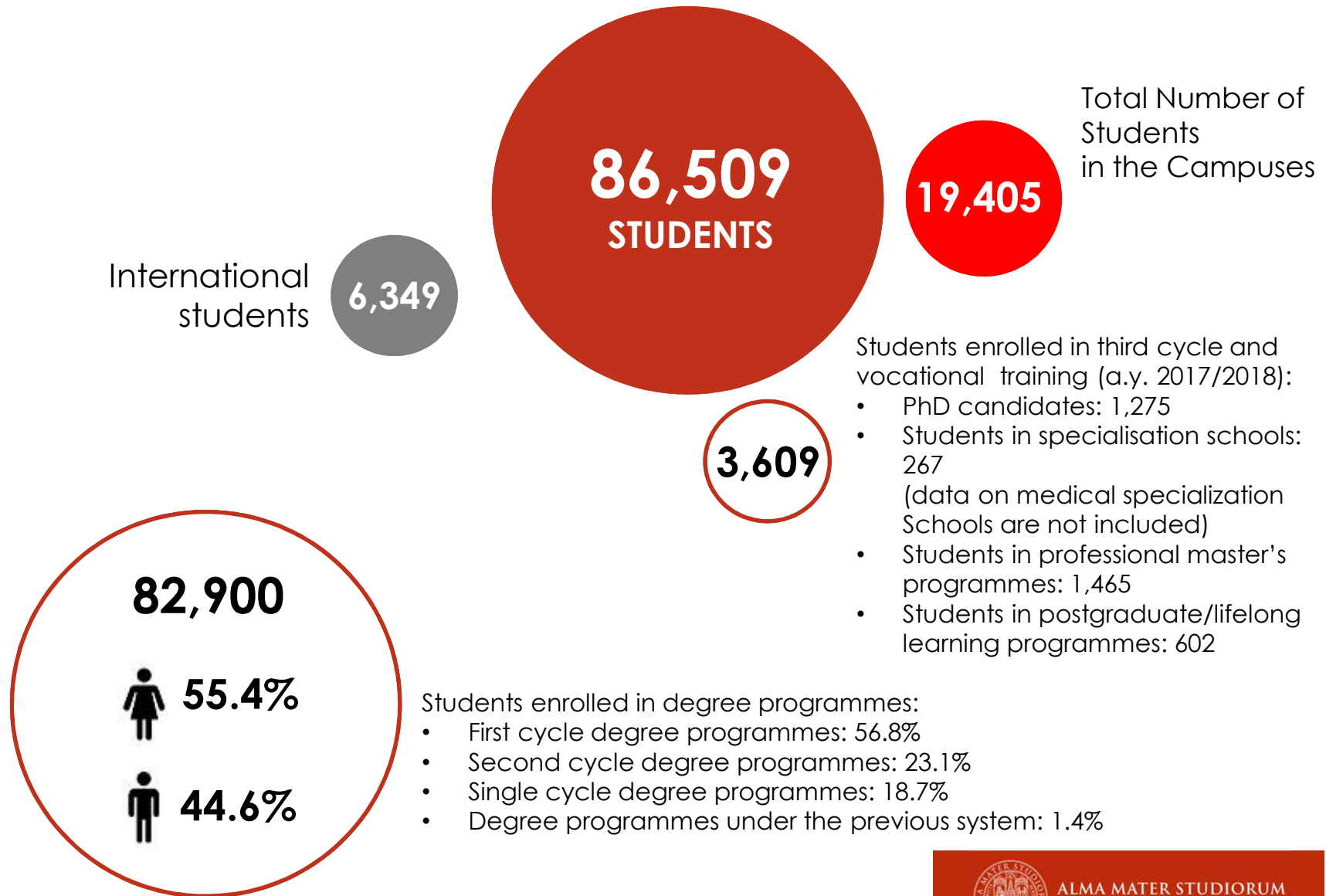




**STUDENTS**

# TOTAL NUMBER OF STUDENTS ENROLLED (A.Y. 2017/2018)

STUDENTES



# RIGHT TO HIGHER EDUCATION

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- **11,485** ER-GO  
(Emilia Romagna regional service for the right to higher education)  
study grants with full exemption from tuition fees
- **1,831** ER-GO accommodation places
- **4,852** Students with tuition FEE reductions
- **346** Student support service grants
- **100** Grants for students in underprivileged situations
- **300** Merit-based scholarships
- **19,130** Total or partial exemption 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)

STUDENTS



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# STUDENT SERVICES

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- Initial guidance
- Job placement
- Health care and psychological support
- Desk for advising on and registering rental contracts
- Support service for the assessment of qualifications, for healthcare assistance and the issue of study grants
- Service for the issue of tax codes, residence permits and visas for international students
- Libraries and reading rooms available extended opening hours even at weekends and until midnight
- Cultural, sport and recreational activities

STUDENTS



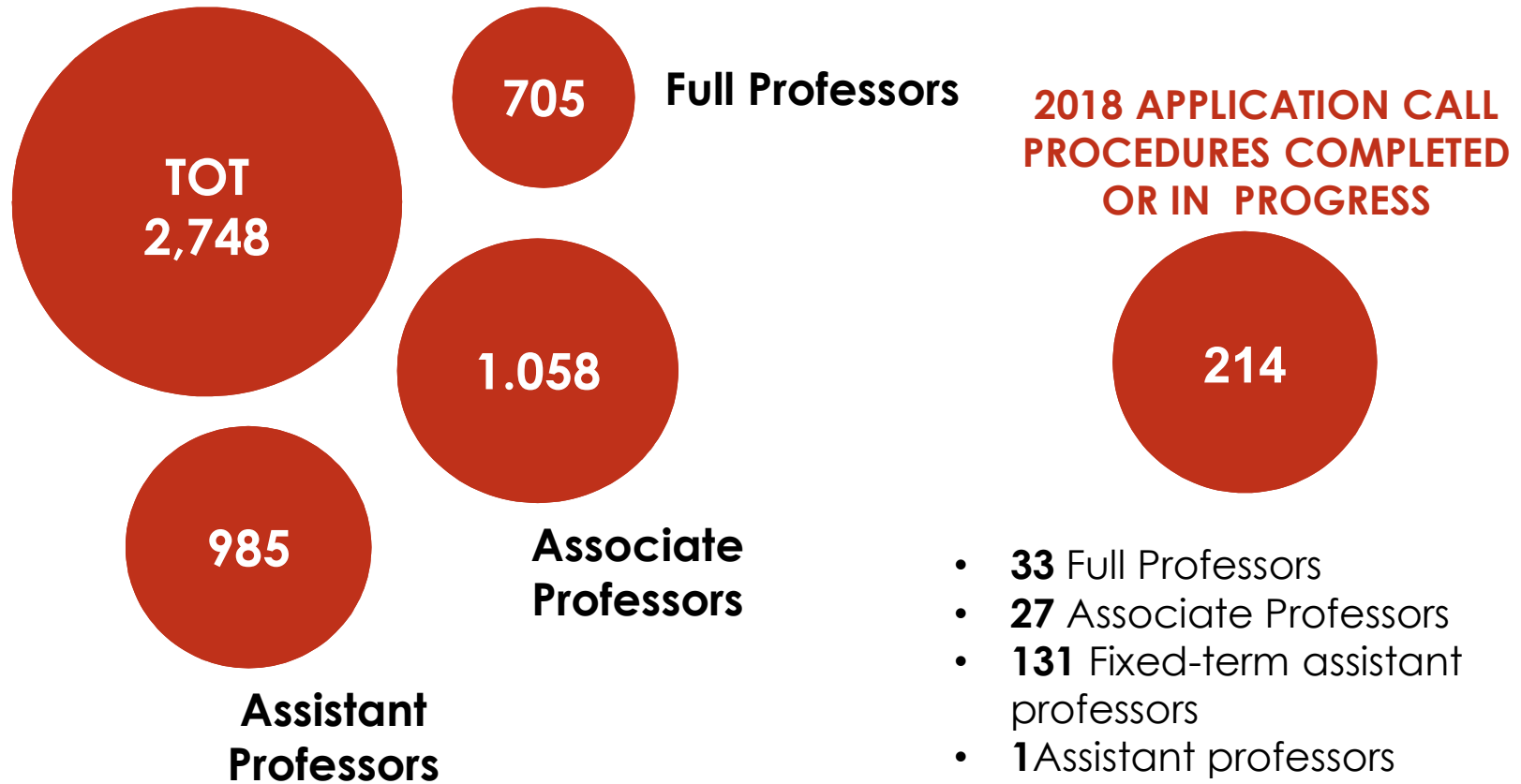
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UNIVERSITÀ DI BOLOGNA



# HUMAN RESOURCES

# TEACHING STAFF

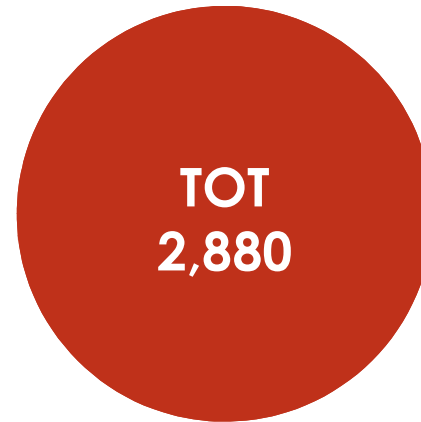
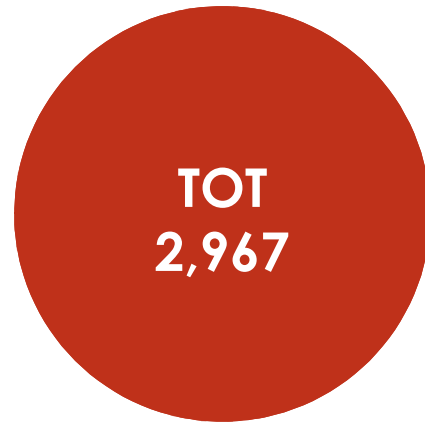
## HUMAN RESOURCES



# TECHNICAL-ADMINISTRATIVE STAFF

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HUMAN RESOURCES



Staff: categories B, C, D, EP

15

Heads of  
administrative  
divisions

72

Language Assistants

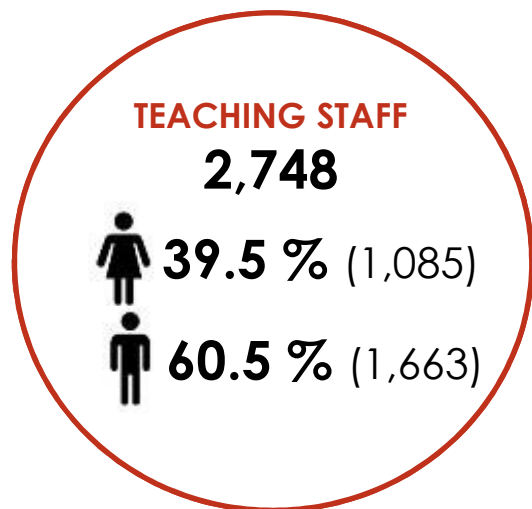


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# PERSONNEL AND GENDER

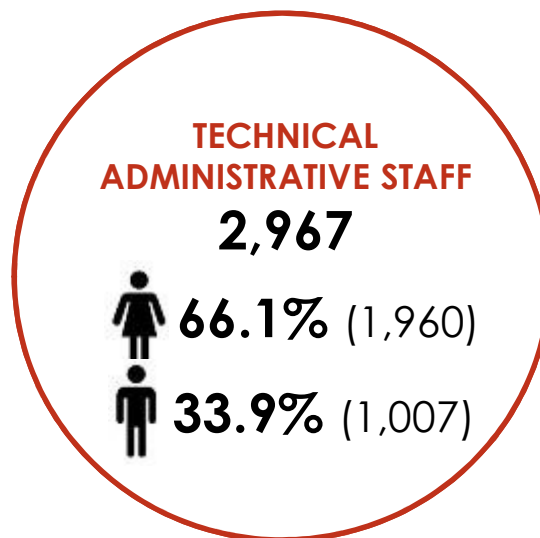
HUMAN RESOURCES



**FULL PROFESSORS**  
**705**  
25.1% (177) Women  
74.9% (528) Men

**ASSOCIATE PROFESSORS**  
**1,058**  
42.5% (450) Women  
57.5% (608) Men

**ASSISTANT PROFESSORS**  
**985**  
46.5% (458) Women  
53.5% (527) Men

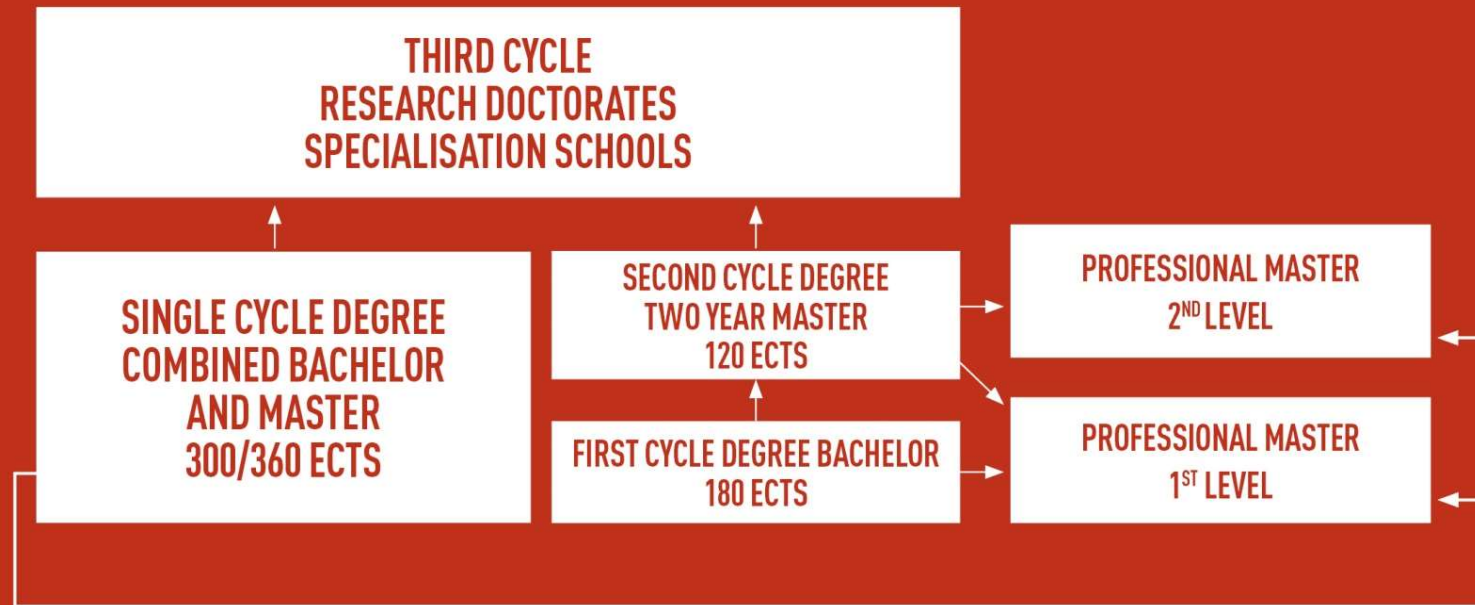




**EDUCATION**

# ITALIAN UNIVERSITY SYSTEM

EDUCATION



*ECTS= European Credit Transfer System.*

*1 Credit= 25 hours student workload (classes, individual study, exams, etc.)*



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# PROGRAMME CATALOGUE

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## EDUCATION

**219**  
DEGREE  
PROGRAMMES

**92**

First cycle degree programmes

**114**

Second cycle  
degree programmes

**13**

Single cycle  
degree programmes

of which

**69**

international

**171**

THIRD CYCLE  
PROGRAMMES

**45**

PhD/ Doctoral  
programmes

**52**

Specialization  
School

**74**

Professional Master's  
programme

of which

**16**

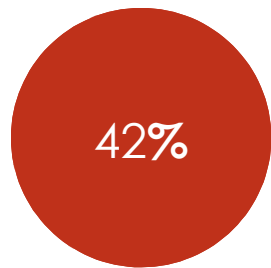
international



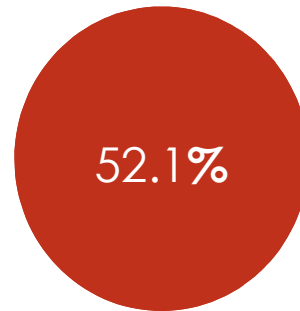
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UNIVERSITÀ DI BOLOGNA

# DISTRIBUTION OF DEGREE PROGRAMMES

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First cycle  
degree  
programmes



Second cycle  
degree  
programmes



Single cycle  
degree  
programmes

# TEACHING SUPPORT

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## UNIVERSITY LANGUAGE CENTRE

The University Language Centre runs language courses for University of Bologna students, international exchange students and staff. Courses include Arabic, French, English, Spanish, German and Italian for international students.

The centre also provides support to students preparing for the language tests required at various levels and issues the language proficiency tests. It also organises the language proficiency tests for degree and exchange programmes, working together with the International Relations Division.

Consistent with the University strategy of supporting the international nature of teaching, the Language Centre has - in addition to its extensive programme catalogue - developed in recent years a specific project (AlmaEnglish) to provide classroom courses in English, without charge, leading to international certification in line with the levels recognised by the Common European Framework of Reference for Languages (CEFR).

## EDUCATION

### ALMA MATHEMATICA

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



## POST-GRADUATE EDUCATION

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### MASTER'S DEGREE AND PROFESSIONAL TRAINING COURSES

The University of Bologna offers a wide range of Professional Master's Programmes and professional and multi-disciplinary courses, that represent an ideal way to complete the learning path. Designed for the purpose of creating new professional figures, the course structure diagrams are based on the real needs of the world of business. The University has activated 66 Professional Master's Programmes (25 in the medical area, 30 in the social area, 5 in the technical-scientific area, 6 in the humanities) and 37 post-graduate programmes, lifelong learning courses and summer and winter schools that award University educational credits. This range is further supplemented by many courses that do not award credits, but nevertheless promote the start of important paths that will result in considerable development of our third mission activities.

### BOLOGNA BUSINESS SCHOOL

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



# ISTITUTO DI STUDI SUPERIORI (INSTITUTE FOR HIGHER STUDIES)

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The Institute for Higher Studies is 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 consists of two sections: the Collegio Superiore and the Institute of Advanced Studies.

## **COLLEGIO SUPERIORE**

The Collegio Superiore uses a merit-based approach to select particularly bright and well-motivated students for inclusion in advanced learning paths with a strong interdisciplinary content.

## **INSTITUTE OF ADVANCED STUDIES**

The Institute of Advanced Studies selects PhD students, PhD graduates and high profile academics 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, constitutes a meeting point for Italian and foreign academics, promotes an interdisciplinary approach to research and teaching, and facilitates international mobility.





**RESEARCH**

## COMPETITIVE FINANCING

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**175 +22** research projects financed by the European Union in the context of H2020, which create a network of more than 1,900 partners, including over 830 in the private sector. 22 projects financed by the Interreg, Life 2014-2020, Creative Europe and COST programmes, with a network of more than 180 partners, including 36 in the private sector.

**72** PRIN 2015 projects financed by MIUR, including 25 coordinated nationally by the University (1st equal in terms of number of projects; 11% funding success rate for projects presented by the University as national coordinator). With reference to the PRIN 2017 call, the University has presented 732 projects, including 233 as national coordinator (under evaluation).

**80** research projects financed by Emilia-Romagna (33 in the context of the 2014-2020 PORFESR Laboratories call; 4 strategic industrial research projects in the context of actions 1.2 and 1.3 of the 2011-2013 Energy Plan; 24 in the context of the Rural Development Plan 14-20 measure 16.1-Call 2016, 8 in the context of the Rural Development Plan 14-20 measure 16.1-Call 2017, 11 in the context of the First Invitation to present projects under the Three-year Advanced Skills Plan for Research, Technological Transfer and Entrepreneurship).

# FUNDING

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## COMPETITIVE FINANCING

- > **71.9** million EUR funded by the European Union as part of H2020
- > **5,7** million EUR funded by MIUR for PRIN 2015 projects
- > **17,6** million EUR funded by Emilia-Romagna region (2014-2020 PORFESR Laboratories Call; 1.2 and 1.3 strategic industrial action research projects in the 2011-2013 Energy Plan; Rural Development Plan 14-20 measure 16.1)

## UNIVERSITY FUNDING

- 15** million EUR to PhD scholarships (34<sup>th</sup> cycle)
- 12** million EUR to Departments in the context of the combined research budget
- 2** million EUR/ year to funding departmental strategic development
- 2** million EUR for basic research ( "Alma Idea")
- 2** million EUR for research equipment

# PHD SCHOLARSHIPS AND POST-GRADUATE FELLOWSHIPS

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1,261

PHD CANDIDATES (A.Y. 2017/2018 UP TO 31.08.2018)

1,143

FELLOWS (UP TO 31.07.2018)

ALLOCATED TO THE FUNDING OF  
PHD STUDENT SCHOLARSHIPS (>250)

€ 15  
MLN

DIRECT FUNDING FROM THE  
STRUCTURES AND EXTERNAL  
BODIES FOR 120 SCHOLARSHIPS

€ 7  
MLN

RESEARCH



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# SCIENTIFIC PRODUCTION

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The University has systematically monitored its scientific production since 1997. Records were computerised in 1999 and are updated freely by professors and research fellows via input to dedicated software written by Cineca: the Institutional Repository (IR) module of the IRIS suite gathers the data on scientific production at the University and allows full-text management of the contributions on an open-access basis.

**The overall progress during the 3-year period 2015-2017 was positive and improving:**

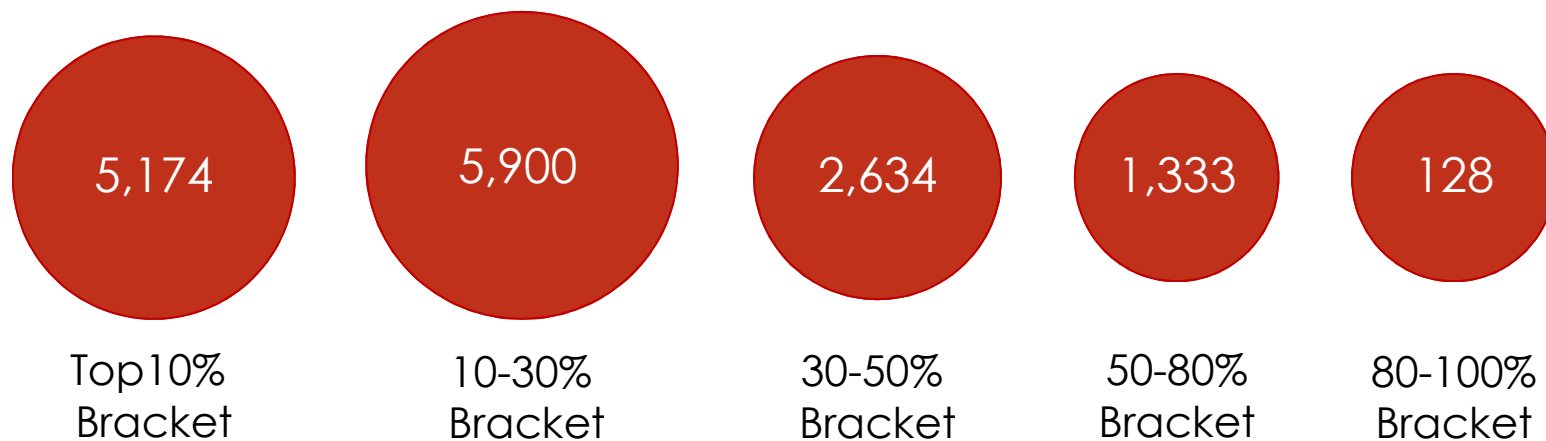
2015	2016	2017
8,808	8,844	9,125

## DISTRIBUTION OF UNIVERSITY papers IN SCOPUS

Analysis of the Essential Science Indicators in InCites regarding scientific production in the period 2008-June 2018 shows that the University is cited heavily in almost every discipline (20 out of 22) and that 752 articles written by University researchers are highly-cited papers, i.e. included in the top 1% of works cited at global level and/or having a particularly large number of citations in the past two months (hot papers).

With regard to the Scopus data (Elsevier, March 2018), more than 5,000 publications in the IRIS catalogue for the years 2014/2017 are indexed and fall into the excellent top 10% band.

RESEARCH



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



# THIRD MISSION

## INDUSTRIAL RELATIONS

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**25 ACTIVE FRAMEWORK AGREEMENTS** with major enterprises in the principal value chains (energy, ICT, chemicals, finance, automation).

**2,800** Italian and international firms were registered in 2017 to publish job opportunities on the on-line noticeboard

**1 COMPETENCE CENTER** in the context of the National Plan “Industry 4.0”, with a public-private partnership comprising 61 actors led by the University of Bologna. BI-REX (Big Data Innovation & Research EXcellence) is among the eight selected by MISE.

### SPIN-OFFS

The University of Bologna has 31 active and accredited spin-off businesses, including 1 that involves direct equity participation, 9 via Almacube and 2 supported by specialists in early-stage investments. These 31 businesses generate revenues of more than 8.9 million euro (2017) and have over 90 employees.



# NEW ENTREPRENEURSHIP DEVELOPMENT AND INCUBATION

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**Almacube** the University business incubator, certified by MISE, managed the activities of 17 firms in 2017, including 9 spin-offs in which ownership interests are held. **Cesenalab** and **Rimini Innovation Square** support the development and incubation of firms at Campus level.

**Start up 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).

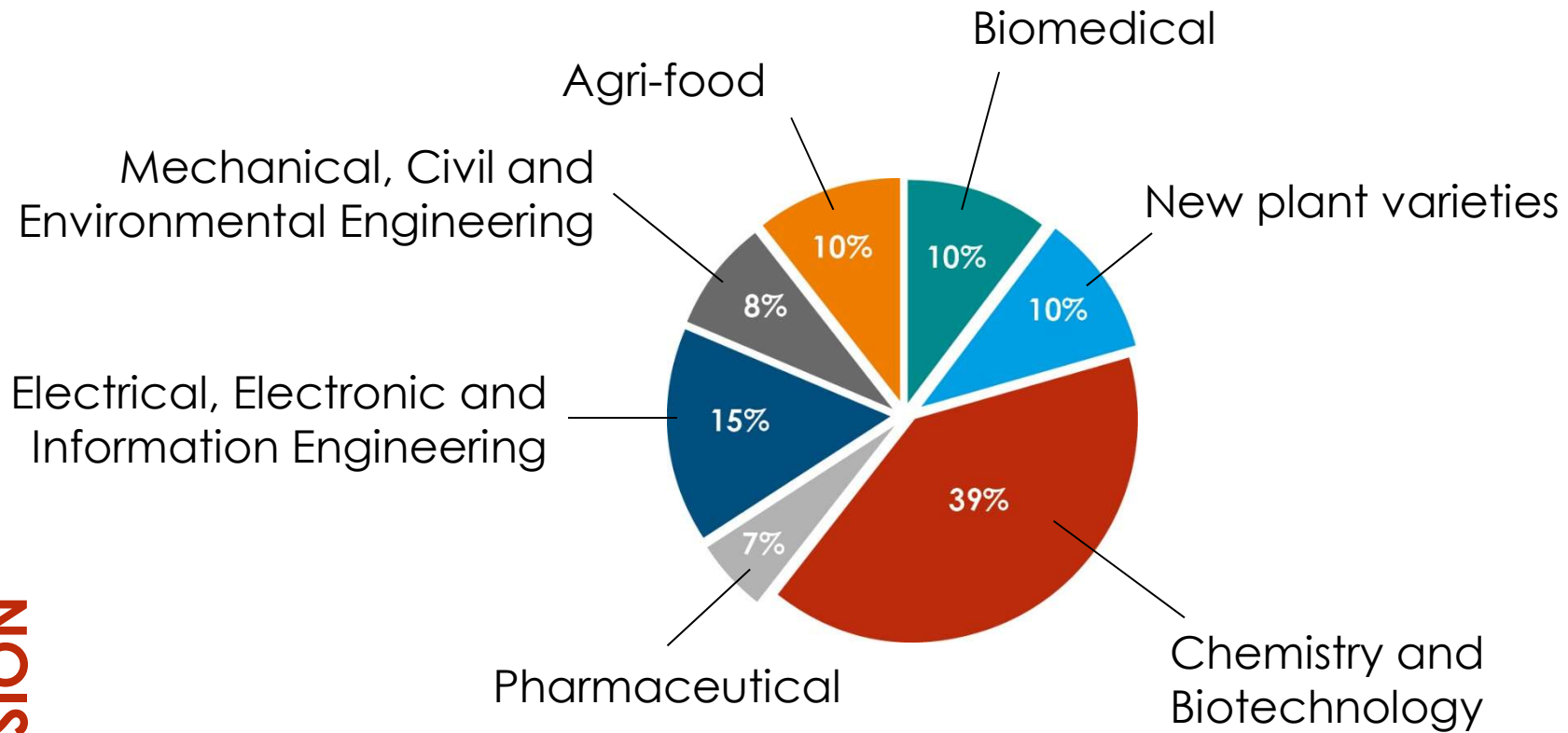
**PdAI (Business Start-Up programme):** an advice service for the creation of business teams, run in collaboration with AlmaCube.

**AlmaEClub:** inter-disciplinary club for professors and researchers at the University of Bologna that supports the development of an entrepreneurial culture. Discussions, meetings and exchanges of ideas to promote debate, learning and planning in the areas of academic entrepreneurship.

**Basement Club:** a project in Cesena and Forlì Campuses for students and graduates to support entrepreneurship culture and start up initiatives.

# PATENTS AND LICENSES

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**THIRD MISSION**

## THIRD MISSION SUPPORT

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### 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 million volumes and 8,000 journal subscriptions, with over 5,300 workstations for study and research. As well as the standard library services, it also provides access to 680 data banks, 47,000 online periodicals, and 190,000 e-books. The collections of the University of Bologna Library are priceless, and also include 12,850 manuscripts, including the oldest known complete Torah scroll.



# THIRD MISSION SUPPORT

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## 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.



## THIRD MISSION SUPPORT

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### 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 160,000 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.

## THIRD MISSION SUPPORT

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### 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.

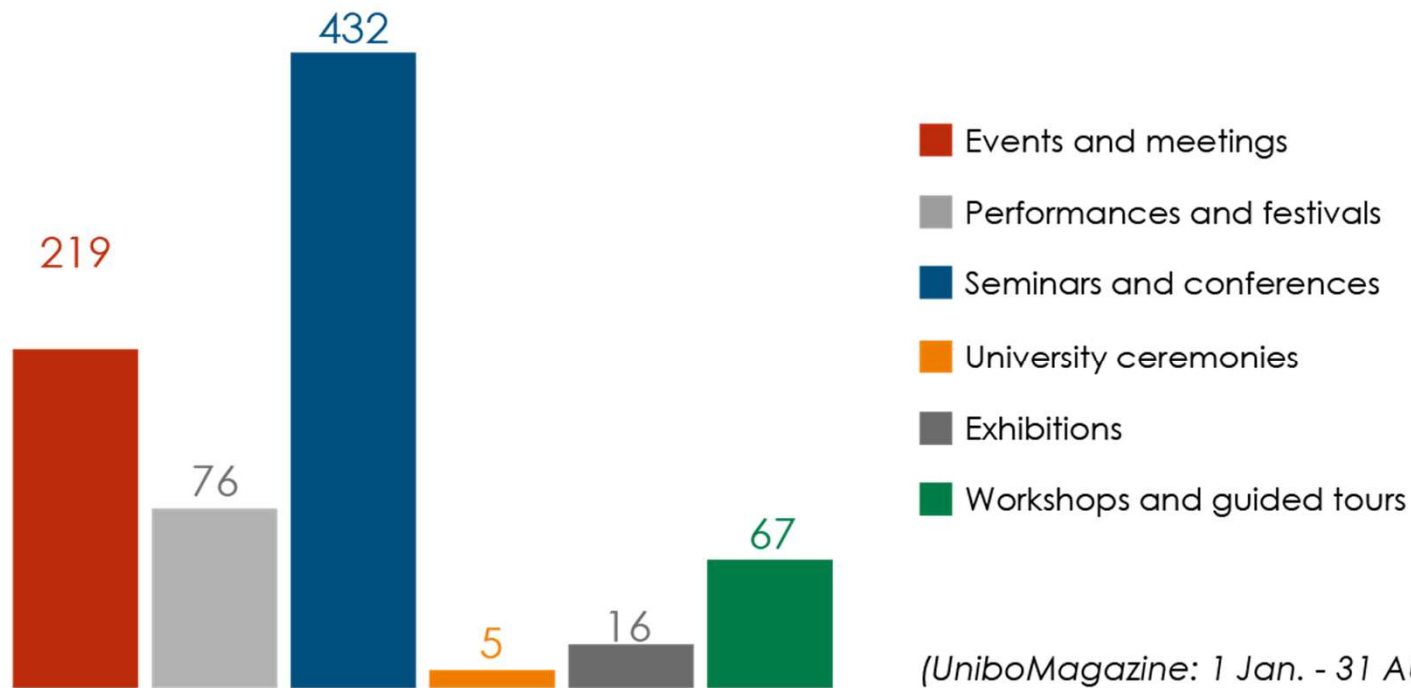
### FOUNDATION FOR URBAN INNOVATION

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.

## PUBLIC ENGAGEMENT

There are strong ties between the University of Bologna and the territories that it serves, as confirmed by the large number of events (presentations, shows, seminars, ceremonies etc.) promoted and held each year in the various campus towns, many in collaboration with other local organisations.

### THIRD MISSION



(UniboMagazine: 1 Jan. - 31 Aug. 2018)



## SOCIAL ENGAGEMENT - ALMAENGAGE

The Alma Mater academic community has worked on cooperation projects for many years, operating both locally and in various geographical areas around the world.



Western Balkans	4
North Africa	3
Middle East and Gulf region	5
Central and South America	7
Asia	4
Subsaharian Africa	6

### THIRD MISSION

**Unibo4Refugees:** Even before obtaining refugee status and without having to pay enrolment fees, students can enrol in single learning activities and attend Italian language courses.







**INTERNATIONALISATION**

## NORTH AMERICA

**353** students in mobility (269 of which incoming and 84 outgoing)

**42** enrolled students from North America

**4** degree programmes issue double, multiple or joint qualifications

## SOUTH AMERICA

**477** students in mobility (318 of which incoming and 159 outgoing)

**286** enrolled students from South America

**5** degree programmes issue double, multiple or joint qualifications



## WESTERN BALKANS, NEAR EAST, RUSSIAN FEDERATION

**119** students in mobility  
(86 of which incoming and 33  
outgoing)

**1,198** enrolled students from the  
Western Balkans, Near East and  
Russian Federation

**4** degree programmes issue double,  
multiple or joint qualifications

## EUROPA

**5,007** students in mobility (2,231 of which incoming and 2,776  
outgoing)



## INTERNATIONALISATION

### ASIA

**129** students in mobility  
(87 of which incoming and 42 outgoing)

**1,287** enrolled students from this area of  
the world

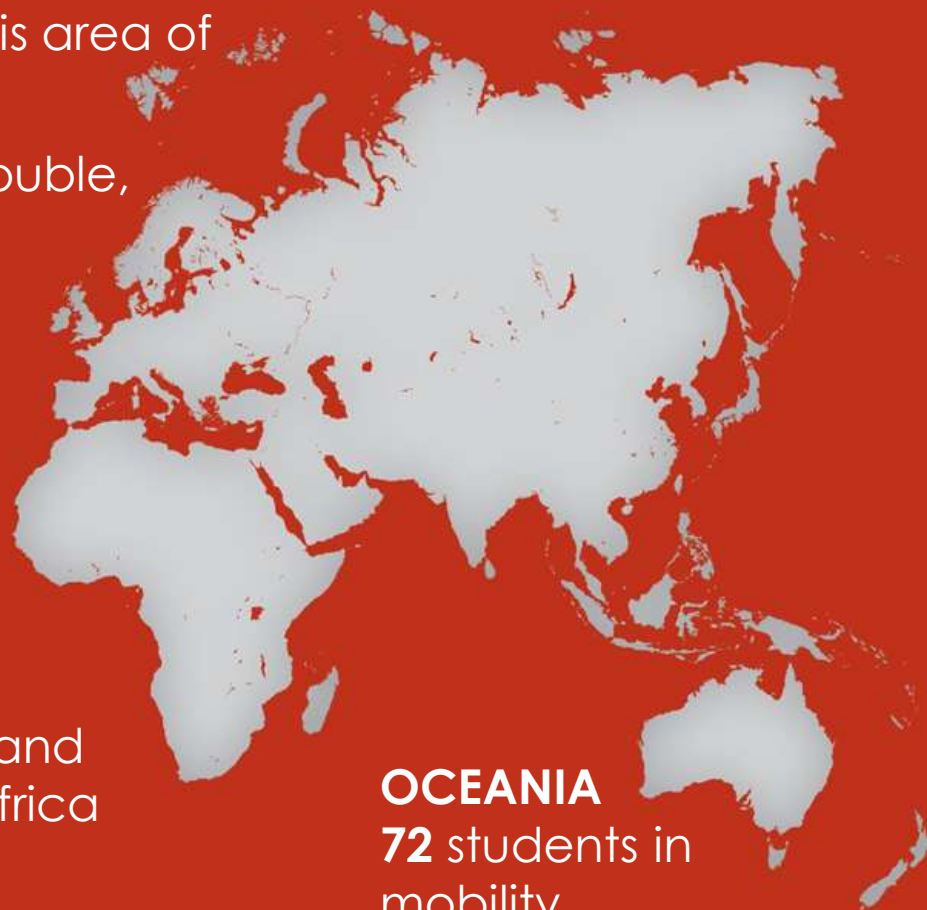
**3** degree programmes issue double,  
multiple or joint qualifications

### AFRICA AND MIDDLE EAST

**40** students in mobility  
(15 of which incoming and 25  
outgoing)

**1,274** students enrolled in first and  
second cycle degrees from Africa  
and the Middle East

**1** degree programme issues double,  
multiple or joint qualifications



### OCEANIA

**72** students in  
mobility  
(39 of which  
incoming and 33  
outgoing)

## EUROPE

The University of Bologna holds first place among Italian Universities in terms of the number of students abroad and the quantity of funding received under Erasmus+ and is among the top 5 universities in Europe in terms of number of exchange students. 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 60 education and training projects funded by the European Union, with the overriding objective of improving University education and, in general, training at all levels. This effort includes various international initiatives, such as the development of joint degree programmes and new teaching methods via the use of new technologies, as well as the design of new learning paths in order to develop the transverse, social, intercultural and international competencies of students.

## NORTH AMERICA

Academic relations have been reinforced and developed to the extent that there are now 250 active agreements, under which our University welcomes 280 students each year while, at the same time, enabling 100 Bologna students to study with our partners.

A number of US Universities have established Centres in Bologna. They provide important support, in terms of social and cultural cohesion, for the US students studying in Bologna, as well as guidance for Bologna students who intend to study at partner Universities in the United States. These Centres are: Bologna Consortial Studies Program (B.C.S.P.); University of California, Dickinson College, Brown University, Eastern College Consortium (E.C.C.O.). Johns Hopkins University, which collaborates constantly with Alma Mater on teaching matters, also has its own 'Bologna Center'.

The strong teaching and research synergies with this geographical area are further confirmed by the summer/winter schools that we organise periodically with our partners there. In addition, the quality of our relations has resulted in a number of outstanding initiatives: 'The Academy of Global Humanities and Critical Theory' and 'Fulbright Lectureship'. The Academy of Global Humanities and Critical Theory, being a collaboration of the University of Bologna with Duke University and the University of Virginia, is conceived as a place for thought and research by academics from various scientific disciplines and geographical areas, who seek to redefine the study of humanities and critical theory in a global world. Alma Mater has signed an agreement with the Fulbright Commission for the creation of three Fulbright Lectureships in three subject areas (Health & Biotechnology; Sustainability & Circular Economy, Big Data) for the three academic years from 2019/2020 and 2021/2022. This initiative is part of the Fulbright US Scholar Program.



## **SOUTH AMERICA**

Relations with the Universities in Latin America have developed steadily in recent years, consolidating our relations with many countries in the area, including Central America. The number of framework and sector agreements has increased, along with the volume of students on mobility programmes due to the growing number of locations available and further diversification of the destination countries. Various European education and training projects encourage and develop relations with the Latin American Universities: service platforms for students with special needs (MUSE), harmonisation of the curricula adopted in Central America via an agreed framework of qualifications (HICA), strengthening of the tools available for the international mobility of students and professionals (Caminos and Recolatin). The various capacity-building actions include projects for the training of new managers designed to strengthen collaboration among Universities, industry and society, with a new Professional Master's Programme (EULA\_GTEC) and the implementation of a new interdisciplinary and intercultural Master's Programme (OPT\_IN), via the sharing of such competencies as comparative, transnational and community law. The new VITA-GLOBAL capacity-building project, in which the University is an active partner, was funded during 2018. The objective is to develop a network of Universities in various geographical areas, including Latin America, that address viticulture and oenology.

## **AFRICA AND MIDDLE EAST**

Activities involving this region intensified during 2018. Two European capacity-building projects commenced, one to modernise the professional curricula in Lebanon and Syria on the management of NGOs, and the other to strengthen the governance and international relations of Universities in Iraq. The Erasmus+ capacity-building projects also continued, together with the projects financed by the Italian Agency for Development Cooperation. These included projects with Iraqi partners for the development of degree programmes in archaeology and the protection and promotion of cultural heritage; with Moroccan, Tunisian and Algerian partners for the modernisation of internationalisation and exchange systems; with Lebanese Universities to strengthen student participation; with Egyptian Universities for the teaching of foreign languages, and with Tanzanian and Palestinian organisations in the areas of veterinary science and engineering. Additionally, 2018 saw the launch of a training project for professionals in the sustainable tourism sector drawn from the Mediterranean area (NEST), which is co-financed by AICS.

The King Abdul Aziz Chair continues to promote research into Arab and Islamic sciences via publications, scientific research, translations, training and artistic and cultural initiatives. Lastly, two new framework agreements have been signed in Sub-Saharan Africa (University of Pretoria, South Africa; Université Cheikh Anta Diop de Dakar, Senegal), which will result in the start of student mobility from the 2019/2020 academic year.



## WESTERN BALKANS, NEAR EAST, RUSSIAN FEDERATION

Institutional relations are being strengthened with various institutions in the Western Balkans and the Near East, the Caucasus and the Russian Federation, reflecting the growing number of international students enrolled from those countries. In 2018, the University of Bologna obtained more than 50 Erasmus+ study grants for mobility to/from the countries in this area, and was included in various capacity-building activities financed by the EU, including: “Enhancing Teaching Practice in Higher Education in Russia and China” – ENTEP; ‘Western Balkans Urban Agriculture Initiative’ – BUGI with the Universities of Bosnia and Herzegovina, Montenegro and Kosovo; ‘GRaduates Advancement and Development of University capacities in Albania’ – GRADUA; and the cross-regional project on ‘Integrating education with consumer behaviour relevant to energy efficiency and climate change at the Universities of Russia, Sri Lanka and Bangladesh - BECK’. The activities of the Uniadrion network, involving cooperation among Universities on both sides of the Adriatic, have continued in response to the launch of the new Adriatic-Ionian macro-region. Bologna held the Chair of the network during 2018 and organised the general meeting held in May. UNIADRION also took part in the third EUSAIR (EU Strategy for the Adriatic and Ionian Region) Forum held in Catania and the first Joint Conference of the Forums of the Adriatic and Ionian Chambers of Commerce held in Spalato. Furthermore, Uniadrion is a partner in the AI-NURECC initiative (Adriatic-Ionian Network of Universities, Regions, Chambers of Commerce and Cities), within which it organised a Summer School in Ancona on the subject of migration in the Balkans.

The Regional Centre for the conservation, management and promotion of cultural heritage was opened in Yerevan in July 2018. This centre reflects a collaboration between the University of Bologna and the Ministry of Culture of the Republic of Armenia, with support from the Italian Agency for Development Cooperation (AICS). The project, supported also by the Italian Embassy in Armenia, involves 4 structures (Cultural Heritage, as project leader; Architecture; History and Cultures; Centre for Advanced Studies in Tourism) that make available their skills in the cultural heritage sector to promote, with advanced tools and methodologies, the cultural heritage of Armenia.



## ASIA

The number of positive teaching and scientific collaborations with Asian Universities is increasing, with a focus on the People's Republic of China, Japan, the Republic of Korea and India. South-East Asia, especially Singapore, Vietnam and Myanmar, represents one of the more significant and unusual investments made by Alma Mater. In this area, the University is working on cooperation and capacity-building activities designed, on the one hand, to modernise their University systems and strengthen their internationalisation strategies and, on the other, to improve the quality of teaching. In this regard, the University is coordinating the following two European projects: 'Connecting Higher education Institutions for a New Leadership On National Education' – CHINLONE, with the involvement of Myanmar institutions, and 'TOOLKIT – Designing and managing international relations, educational projects and mobility schemes in Asian Universities' (Myanmar, Laos and Sri Lanka).

Student and academic mobility is encouraged by the Erasmus+ International credit mobility programme, which in particular involves Universities in Myanmar, Vietnam and Macao.

The University of Bologna is also an active partner in other capacity-building projects in Asia: "Tuning India"; "Resources for Interculturality in Chinese Higher Education" - RICH-Ed; "Enhancing Teaching Practice in Higher Education in Russia and China" – ENTEP (already mentioned in the previous section); 'Integrating education with consumer behaviour relevant to energy efficiency and climate change at the Universities of Russia, Sri Lanka and Bangladesh - BECK' and 'Formation of Teachers in Emerging Challenged Areas in the Philippines – FORTH'. The University also has one of the most active Confucius Centres. The local relations of more than 800 Chinese students in Bologna are supported by the China Association College, which was founded in 2005 with a view to promoting Italo-Chinese cultural exchanges. Alma Mater participates in the Sino-Italian Campus at Tongji University in Shanghai, which represents the first inter-governmental initiative between Italy and China in the area of University cooperation, with a view to establishing integrated double degree programmes.

## OCEANIA

Relations with Universities in Australia and New Zealand, which date back to the late 1990s and early 2000s, have intensified over the past year, with new framework agreements (and an increase in the number of two-way student exchanges involving the Universities there). In 2017, the University of Bologna obtained various Erasmus+ mobility grants for study purposes and for staff teaching/training for a project with Australian Universities, which will be completed in July 2019. These intense relations with Australian Universities have resulted in the creation of a number of summer/winter schools.







**DIGITAL TECHNOLOGIES**

## DIGITALISATION AND DEMATERIALISATION

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### DIGITAL TECHNOLOGIES

**437,650** Exam digital transcripts

**12,740** Digitally managed registers

**74,438** Entrance exam enrolments submitted online

**40,010** Online matriculations

**19,507** Degree applications submitted online

**469,090** Online certificates with digital endorsement

**271,987** Digitally registered documents



## WEB E SOCIAL MEDIA

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### DIGITAL TECHNOLOGIES

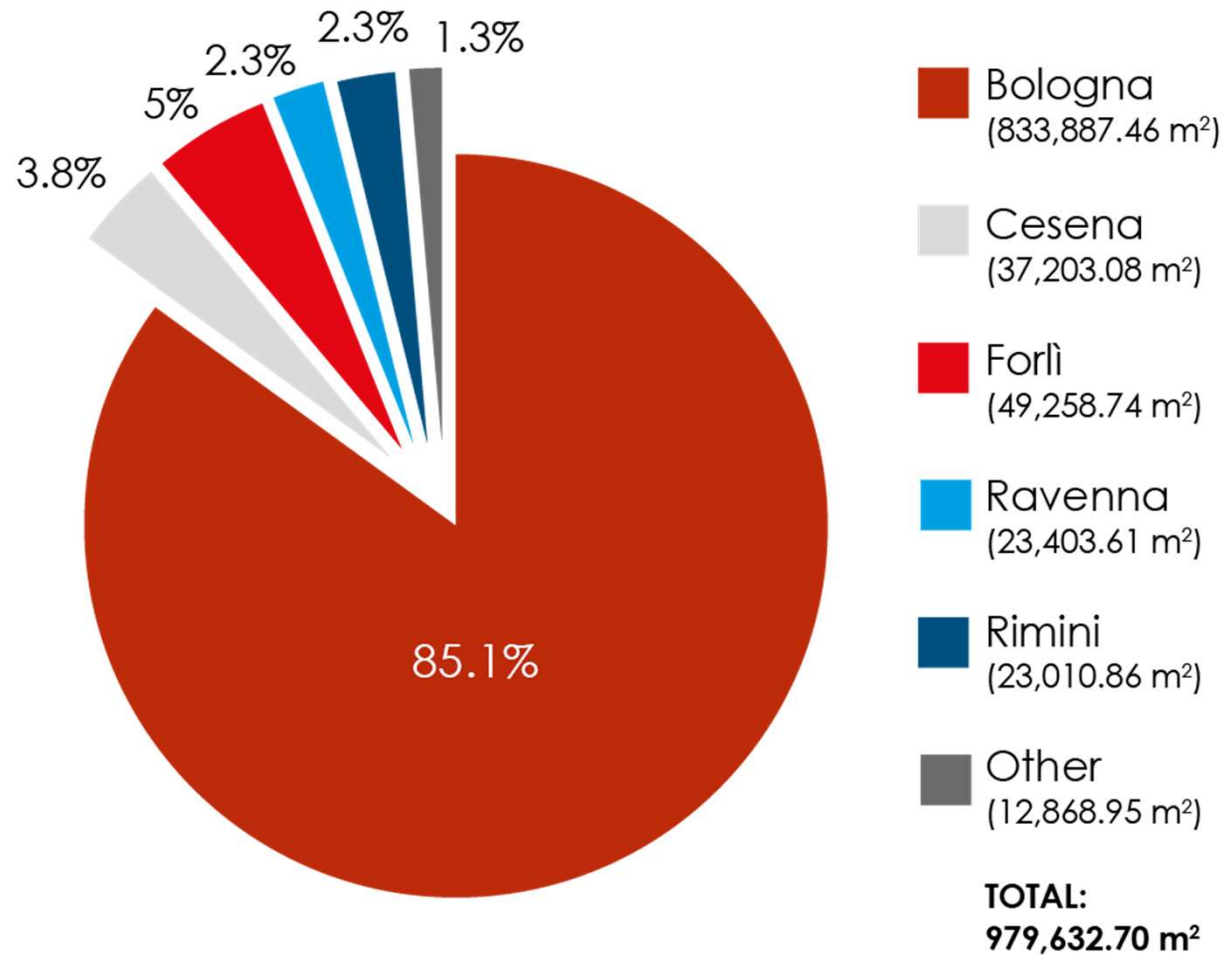
- > **750,000** web pages
- > **51 million** Visits
- > **147 million** visited pages
- > **18,000** Downloads of MYALMAORIENTA APP





**SUSTAINABILITY AND CONSTRUCTION**

## GEOGRAPHICAL DISTRIBUTION OF BUILDINGS



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

## THE MOST IMPORTANT WORKS IN FIGURES

WORKS IN PROGRESS	USE	TOTAL (MLN EUR)	AREA (M <sup>2</sup> )
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	104	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	2,000
New campus for the School of Engineering and Architecture, Cesena ("former Zuccherificio")	School of Engineering and Architecture, Departments of: Architecture, Electricity and Information Engineering "Guglielmo Marconi", Computer Science - Science and Engineering	30	15,000
<b>TOTAL</b>		<b>181.6</b>	<b>82,000</b>



## SUSTAINABLE UNIBO

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### SUSTAINABILITY AND CONSTRUCTION

With a view to reducing the environmental impact of the University and improve the quality of life in University areas, the University of Bologna pursues the objectives of:

- interpreting the characteristics and needs of and changes in the surrounding environment, thus enhancing its potential;
- guaranteeing economic sustainability and social fairness for all users;
- satisfying the needs of the University community, while welcoming and respecting all forms of diversity;
- enhancing the social and cultural identities of persons and the territory.

The Sustainable Multicampus projects fall within this framework.



## SUSTAINABLE UNIBO: 4 AREAS

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**Energy:** clear reduction in the environmental footprint of Unibo, with actions focused on energy saving, the retrofitting of existing buildings, domotics and the remote control of buildings.

**Mobility:** in order to guide the Unibo community towards the use of suitable forms of transport, employees and students are encouraged to use bicycles, trains and local public transport and reduce their recourse to private cars, in part by car sharing, both for private and work-related travel.

**Environment:** with a view reducing the environmental impact of University activities and consumption, measures seek to promote natural resources and green spaces, partly by targeted construction work in areas surrounding the University.

**People:** in order to contribute to improving the quality of life, the measures adopted seek to encourage the adoption of more responsible lifestyles: proper eating and physical activity, ethical standards and gender equality.







# SOCIAL AND FINANCIAL REPORTING

# FINANCIAL STATEMENTS 2016 - 2017

## SOCIAL AND FINANCIAL REPORTING

ASSETS (MLN €)	2016	2017	LIABILITIES (MLN €)	2016	2017
<b>FIXED ASSETS</b>	<b>393.2</b>	<b>420.8</b>	<b>NET WORTH</b>	<b>418.2</b>	<b>341.9</b>
Intangible	26.6	34.5	Endowment fund	49.3	49.3
Tangible	326.7	346.2	Restricted funds	335.4	260.4
Financial	39.9	39.9	Non-restricted funds		
			<i>results brought forward</i>	25.6	23.0
			<i>results for the year</i>	7.9	9.2
<b>CURRENT ASSETS</b>	<b>608.8</b>	<b>610.7</b>	<b>PROVISIONS FOR RISKS AND CHARGES</b>	<b>37.4</b>	<b>46.1</b>
Debtors	127.4	173.8	<b>EMPLOYEE LEAVING INDEMNITIES</b>	<b>0.5</b>	0.5
Liquid funds	481.4	436.8	<b>Creditors</b>	<b>112.3</b>	108.0
<b>ACCRUED INCOME AND PREPAID EXPENSES</b>	<b>2.7</b>	<b>2.1</b>	<b>ACCRUED EXPENSES, DEFERRED INCOME AND INVESTMENT GRANTS</b>	<b>346.9</b>	<b>436.7</b>
			<b>DEFERRED INCOME RELATING TO PROJECTS AND RESEARCH IN PROGRESS</b>	<b>89.4</b>	100.4
<b>TOTAL ASSETS</b>	<b>1,004.7</b>	<b>1,033.6</b>	<b>TOTAL LIABILITIES AND NET WORTH</b>	<b>1,004.7</b>	<b>1,033.6</b>
<i>Asset memorandum accounts</i>	<i>508.6</i>	<i>518.9</i>	<i>Asset memorandum accounts</i>	<i>508.6</i>	<i>518.9</i>



## INCOME STATEMENT (MLN €)

2017 INCOME STATEMENT (MLN €)	
OWN INCOME	169.2
GRANTS	439.9
OTHER INCOMES	45.4
<b>TOTAL INCOME (A)</b>	<b>654.5</b>
PAYROLL COSTS	394.4
OPERATING COSTS	199.4
DEPRECIATION AND IMPAIRMENT	19.1
RISK FUND	23.4
OTHER CHARGES	9.0
<b>TOTAL COSTS (B)</b>	<b>(645.3)</b>
<b>DIFFERENCE BETWEEN TOTAL OPERATING INCOME AND COSTS (A - B)</b>	<b>9.2</b>
<b>FINANCIAL INCOME AND CHARGES (C)</b>	<b>(1.1)</b>
ADJUSTMENTS TO FINANCIAL ASSETS (D)	-
<b>NON-RECURRING INCOME AND EXPENSE (E)</b>	<b>1.8</b>
<b>Results before taxation (A - B + - C + - D + - E)</b>	<b>9.9</b>
CURRENT INCOME TAXES AND CHANGE IN DEFERRED TAXATION	0.7
<b>RESULTS FOR THE YEAR</b>	<b>9.2</b>



## THE SOCIAL RESPONSIBILITY REPORT

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Alma Mater will continue 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 2017 Social Responsibility Report comprises four sections:

- **Identity, strategies and organisational structure**
- **Reclassification of accounting and net worth data**
- **Activities and Results**
- **The procurement policies and an assessment of the environmental impact**

The document closes with an appendix containing the Methodology adopted, a Glossary and a Table linking the information provided with the GRI standard.





ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

**Data updated to 30.9.2018**

[www.unibo.it/en/homepage](http://www.unibo.it/en/homepage)