UNIVERSITÀ DEGLI STUDI DI MILANO

Innovation and tradition to build the future
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The University of Milan is a research-intensive university, offering high quality teaching at all levels in a broad spectrum of fields. Over the years, it has succeeded in maintaining a skilful blend of tradition and innovation, adjusting to the requirements of a fast-growing society without putting aside its distinctive traits.

The University of Milan is the top Italian university in most international rankings and is the only Italian university among the 21 prestigious institutions that belong to the League of European Research Universities (LERU).

The University’s interdisciplinary vocation and the connections between a wide range of fields create a highly stimulating environment for study and work in its 32 departments, 129 study programmes, 33 doctoral programmes and several vocationally-oriented courses.

Milan and Lombardy: the engine of Italy

The University of Milan – that counts almost 65,933 students regularly enrolled and is therefore the largest in Lombardy – is an important point of cultural, artistic and scientific reference for the city: every year it plays host, amongst other things, to more than 300 events that are attended by tens of thousands of people.

One of the top international institutions in terms of scientific productivity, the University’s wide range of educational and research competencies and its relationships with the business world also make it an important resource for its socio-economic context.

Milan is, in fact, the capital of Lombardy, one of the most dynamic and “international” areas in the European Union; it is also the leading city in Italy for investments in technological research and innovation.

The system in which the University of Milan operates has no equal in terms of the level and importance of its scientific initiatives; it comprises a further 11 universities and a large number of research institutes, many of them of international standing and reputation.
The University campuses and their treasures

The University’s main campus is located in the old “Ca’ Granda” (literally “the Big House”), a striking historical complex in the heart of the city, a short distance from the Duomo. Created in the 15th century by the Tuscan architect known as Filarete, it is one of the most historically and artistically significant buildings in Milan, a city that offers countless other points of interest, including numerous works by Leonardo da Vinci, who lived in Milan for 25 years.

The University’s other campuses are located in historic buildings and modern structures situated in both the city centre and the university quarter built in the 1920s, known as “Città Studi”.

The University of Milan also possesses an important artistic and scientific heritage, which is housed in various museums, libraries and archives. Its 22 main libraries preserve one of the richest collections of books in the region, as well as an assortment of rare and valuable volumes.

Studying in Milan

Studying at the University of Milan and living in this city is an exciting experience.

Milan – which hosted the Expo 2015 – is known throughout the world for science, finance, fashion, design, publishing, theatre, music, food and its international trade fairs. It is also an extremely lively city, which offers great cultural opportunities as well as the best in sports and leisure.

Due to its central position in the Northern part of Italy, it is a good point of access for many world-renowned localities. The most famous Italian lakes are just one hour away, while just a little more time is needed to reach the Alps, the Ligurian Sea, Venice and Florence by car or train, and all the major European cities by plane.
**Areas of Study**

The University of Milan is a large institution that offers various programmes in four major areas of study, divided among 10 further specific areas.

**Economics, Law and Social Sciences**
- Political, Economic and Social Sciences (Scienze Politiche, Economiche e Sociali)
- Law (Giurisprudenza)

**Humanities**
- Humanities (Studi Umanistici)
- Language Mediation and Intercultural Communication (Mediazione Linguistica e Culturale)

**Medicine and Healthcare**
- Medicine (Medicina e Chirurgia)
- Veterinary Medicine (Medicina Veterinaria)
- Pharmacy (Scienze del Farmaco)
- Exercise and Sport Sciences (Scienze Motorie)

**Science**
- Science and Technology (Scienze e Tecnologie)
- Agricultural and Food Sciences (Scienze Agrarie e Alimentari)

**Academic and Research Resources and Facilities**
- 8 Faculties and 2 Schools
- 32 Research Departments
- 22 Main Libraries
- A digital library with 62,522 e-journals, 368,340 e-books and 187 databases

**Staff**
- 2,140 tenured professors
- 120 visiting professors/scholars
- 1,917 technical and administrative staff

**Study Programmes**
- 65 Bachelor programmes (3 years)
- 55 Master programmes (2 years)
- 9 Single-cycle courses (5-6 years)
- 33 Doctoral programmes (3-4 years)

**Vocational Study Programmes**
- 26 Vocational master’s courses (1-2 years)
- 85 Short courses
- 67 Postgraduate schools of professional specialisation

**Students**
- Total enrolled: 65,933
- 38,169 Undergraduate
- 22,651 Master’s and single-cycle students
- 4,055 Postgraduate professional specialisation students
- 1,058 PhD students

**Locations**
- Main Campus: Cà Granda Renaissance palace (15th century) in the heart of the city centre
- Città Studi campus: located in the area known as the “City of studies” in the eastern part of the city

**Heritage**
- APICE centre: an archive of valuable and rare books
- Astronomical Observatory
- Didactic Museum of Zoology
- Papyrus collection and Papyrology Library
- Botanical gardens in town and on Lake Garda
- Gargnano villa on Lake Garda for summer courses

**The Italian University System**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Degrees</th>
<th>Credits</th>
<th>Years</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>Master</td>
<td>master’s degree</td>
<td>120</td>
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<tr>
<td>Single-cycle</td>
<td>master’s degree</td>
<td>300-360</td>
<td>5-6</td>
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<tr>
<td>Doctorate (admission with master’s degree)</td>
<td>doctoral degree</td>
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<td>3+</td>
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<tr>
<td>Vocational study programmes</td>
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<tr>
<td>1st level vocational master</td>
<td>diploma</td>
<td>60+</td>
<td>1+</td>
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<tr>
<td>(admission with bachelor)</td>
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</tr>
<tr>
<td>2nd level vocational master</td>
<td>diploma</td>
<td>60+</td>
<td>1+</td>
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<td>(admission with master’s degree)</td>
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<tr>
<td>Specialisation schools</td>
<td>diploma</td>
<td>60-300</td>
<td>1-5</td>
</tr>
</tbody>
</table>
The Area of Humanities is dedicated to research and teaching in all fields of the humanities, from ancient and classical civilisations and languages to the intersection between humanities and neuroscience, covering the entire chronological range from the earliest times to the present day.

Combining the stability of tradition with the vitality of new methods and technology, the various programmes provided by five departments share the same purpose: the articulation, development and constant implementation of the theoretical, historical and methodological heritage of the human sciences.

Humanities offers a wide range of facilities aimed at the personal and professional development of students, improving their skills and training them for careers in many different economic and cultural fields, such as publishing, multimedia technologies, geography, environment and landscape protection, cultural tourism and the management of cultural assets in museums and archives.

Bachelor programmes – 3 years
- Foreign Languages and Literatures
- History
- Human Science of Environment, Landscape and Territory
- Humanities
- Italian Language and Culture for Foreigners (online inter-university programme)
- Liberal Studies in Communication
- Philosophy
- Science of Cultural Property

Master programmes – 2 years
- Archaeology
- European and Extraeuropean Languages and Literatures¹
- Historical Studies²
- History and Criticism of Art
- Modern Humanities
- Music, Theatre and Film
- Philology, Literature and History of Antiquity
- Philosophical Sciences
- Publishing and Communication, Fashion Cultures

Departments
- Cultural Heritage and Environment
- Foreign Languages and Literatures
- Historical Studies
- Literary Studies, Philology and Linguistics
- Philosophy

¹ Double degree with Université d’Avignon et des Pays de Vaucluse and Articulation Agreement with Manchester Metropolitan University
² Double degree with Université Pierre Mendès-France, Grenoble and Université de Aix-Marseille
The Area of Political, Economic and Social Sciences offers an innovative and stimulating combination of study programmes, thanks to the presence of the largest and most qualified concentration of social scientists in Italy and the on-going research activity of its 3 departments.

The academic programme provides training in the disciplines of economics, sociology, political science, history, law, psychology and linguistics, as well as several specialised courses.

The Area of Political, Economic and Social Sciences offers 4 PhD Programmes with a strong international orientation and with most activities conducted in English: Economics (which is part of the The Lombardy Advanced School of Economic Research-LASER), Economic Sociology and Labour Studies, Political Studies, Sociology and Methodology of Social Research (which are part of the Graduate School in Social and Political Science).

Bachelor programmes – 3 years

- Communication and Society
- Economics and Management
- International Studies and European Institutions
- Labour and Management
- Political Sciences – in English
- Public Management
- Social Sciences for Globalisation

Master programmes – 2 years

- Administration and Public Policy
- Economics and Finance – in English
- Economics and Political Science – in English
- International Relations – in English
- Management of Human Resources and Labour Studies – in English
- Management of Innovation and Entrepreneurship
- Political Science and Government
- Public and Corporate Communication – in English

Departments

- Economics, Management and Quantitative Methods (DEMM)
- International, Legal, Historical and Political Studies (DILHPS)
- Social and Political Sciences (SPS)

1 Double degree with: John Cabot University in Rome
2 Double degree with: Université Catholique de Louvain, Université de Namur
3 Double degree with: Universitaet Bremen
The Area of Law was established in 1924. Over the years, it has maintained its initial prestige through the work of many great masters of thought, who also helped to train a large part of the current teaching staff.

With its three departments, the Area offers a wide range of courses and deals with many fields of research.

Particular attention is dedicated to international relations, with teaching staff and the most outstanding students constantly collaborating in projects with prestigious foreign universities, such as Berkeley, Stanford, Carlos III de Madrid, Universidad del País Vasco, Coimbra, Lund, Antwerp, São Paulo, La Plata, Externado de Colombia, Tel Aviv and Haifa.

Bachelor programmes – 3 years
- Sciences of Legal Services

Master programmes – 2 years
- Sustainable Development – in English

Single-Cycle degree – 5 years
- Law¹ – partly in English

¹ Double degree with: Université Toulouse I – Capitole

Departments
- Italian and Supranational Public Law
- Law “Cesare Beccaria”
- Private Law and Legal History
The Area of Language Mediation and Intercultural Communication offers in its department two very innovative programmes: a BA in Language Mediation and Intercultural Communication and an MA in Languages and Cultures for International Communication and Cooperation.

Programmes aim to provide students with an advanced knowledge of two foreign languages and cultures (chosen among English, French, Spanish, German, Russian, Chinese, Japanese, Arabic, Hindi), combined with solid competencies in the economic, legal and social fields.

Degrees are geared towards professional employment in the fields of international cooperation (such as the EU, the UN, FAO, UNESCO), public institutions (public offices such as municipalities, schools, hospitals, prefectures), business (foreign relations, public relations, import/export), tourism, services, specialized translation.

Bachelor programmes – 3 years

- Language Mediation and Intercultural Communication

Master programme – 2 years

- Languages and Cultures for International Communication and Cooperation

1 Two Double degree Agreements with: Universidad de Valladolid
2 Articulation Agreement with: Manchester Metropolitan University

Departments

- Studies in Language Mediation and Intercultural Communication
With more than 600 professors and researchers and approximately 1700 new students each year, the Area of Medicine is one of the most important in Italy, in terms of both the standards of training and the clinical and basic scientific results.

The academic programmes cover the entire spectrum of medical training, from medicine and medical biotechnology to dentistry and nursing science.

With its 8 departments, the Area boasts one of the highest rates of scientific production in the country, combining traditional subjects with an interest in the latest medical research developments in the fields of genomics, proteomics and molecular medicine.

There are also numerous specialist facilities, including the European School of Molecular Medicine and the International Master in Breast Diseases.

**Departments**

- Biomedical and Clinical Sciences “L. Sacco”
- Biomedical Sciences for Health
- Biomedical, Surgical and Dental Sciences
- Clinical Sciences and Community Health
- Health Sciences
- Medical Biotechnology and Translational Medicine
- Pathophysiology and Transplantation
- Oncology and Hematology

**Bachelor programmes – 3 years**

- Audiometric Techniques
- Audioprothetic Techniques
- Biomedical Laboratory Techniques
- Biotechnology (inter-area programme)
- Cardiocirculatory and Cardiovascular Perfusion Techniques
- Childhood Neuro and Psychomotricity
- Dental Hygiene
- Dietetic
- Environment and Workplace Prevention Techniques
- Health Assistance
- Imaging and Radiotherapy Techniques
- Medical Biotechnology
- Midwifery
- Neurophysiopathology Techniques
- Nursing
- Occupational Therapy
- Orthopaedics Techniques
- Orthoptic and Ophthalmologic Assistance
- Pediatric Nursing
- Physiotherapy
- Podiatry
- Professional Education
- Psychiatric Rehabilitation Techniques
- Speech and Language Therapy

**Master programmes – 2 years**

- Cognitive Sciences and Decisional Processes
- Human Nutrition and Food Science (jointly run with the Area of Agricultural and Food Sciences)
- Health Professions of Prevention Sciences
- Health Professions of Rehabilitation Sciences
- Health Professions of Technical Sciences (assistential)
- Health Professions of Technical Sciences (diagnostic)
- Medical Biotechnology and Molecular Medicine – in English
- Nursing and Midwifery Sciences

**Single-cycle degrees – 6 years**

- Dental Medicine
- International Medical School – in English
- Medicine and Surgery
Established in 1791 as the College of Veterinary Studies and part of the University of Milan since 1932, the Area of Veterinary Medicine enrols approximately 500 new students each year and conducts, in its two departments, high-level study and research activities, collaborating with international scientific partners.

In addition to basic veterinary disciplines, its research covers infections and contagious diseases in domestic animals and the safety of animal products intended for human consumption.

The university centre in Lodi is home to the recently-opened Veterinary Hospital and a diagnostic centre specialising in large animals (equine, bovine, porcine, ovine/caprine), as well as birds, fish and smaller species.

The shelters, operating theatres and radiology and obstetrics departments of these extremely modern facilities are equipped with the most modern technologies.

Bachelor programmes – 3 years
- Animal Husbandry and Welfare
- Animal Production
- Biotechnology (inter-area programme)

Master programmes – 2 years
- Animal Husbandry Sciences and Technologies
- Veterinary Biotechnology Sciences

Single-cycle degrees – 5 years
- Veterinary Medicine

Departments
- Health, Animal Science and Food Safety (VESPA)
- Veterinary Medicine
The Area of Pharmacy has grown rapidly during its forty-year existence, becoming one of the most advanced Pharmacy faculties in Italy, due to both the quality of its teaching and research and the number of enrolled students (4500).

The study programmes offered by its departments are designed to meet different goals, while encouraging synergy between the various educational fields: biology, chemistry and technology.

**Departments**

- Pharmacological and Biomolecular Sciences (DISFEB)
- Pharmaceutical Sciences (DISFARM)

**Bachelor programmes – 3 years**

- Biotechnology (inter-area programme)
- Chemical Safety and Toxicological Environmental Sciences
- Herbal Sciences and Technologies (jointly run with the Area of Agricultural and Food Sciences)

**Master programmes – 2 years**

- Pharmaceutical Biotechnology
- Safety Assessment of Xenobiotics and Biotechnological Products - *in English*

**Single-cycle degrees – 5 years**

- Pharmaceutical Chemistry and Technology
- Pharmacy
The main object of the Area of Exercise and Sports Sciences teaching and research is human health and psychophysical wellbeing.

The study programmes offered by its department includes a series of obligatory theoretical subjects, such as anatomy, biology, physiology, biochemistry, sports medicine and endocrinology, and practical activities, such as individual and team sports.

The Area is home to the University Centre of Sporting Activity for Health and Wellbeing, the University Centre for Safety in Sporting Activities and Correct Lifestyles and the CRAV, the Alta Valtellina Research Centre for Movement and Wellbeing.

Bachelor programmes – 3 years
- Exercise, Sport and Health Sciences

Master programmes – 2 years
- Exercise Science for Healthy Life
- Individual and Team Sport Science

Departments
- Biomedical Sciences for Health
The Area of Science and Technology encompasses research and educational activities in the fields of mathematics, physics, chemistry, biology, informatics, earth sciences and related interdisciplinary topics. It was established at the time of the foundation of the University of Milan in 1924.

Since then, the scientific community has taken shape, and it now comprises 500 members (full professors, associate professors and researchers). The Area currently offers study opportunities to approximately 9000 students per year, at all appropriate levels.

In its 6 departments, the teaching and research opportunities are closely linked to high-quality scientific production. Research activities cover a wide spectrum, ranging from the study of basic scientific problems to subjects with direct industrial applications.

**Departments**
- Chemistry
- Computer Science
- Earth Sciences “Ardito Desio”
- Life Sciences
- Mathematics “Federigo Enriques”
- Physics

**Bachelor programmes – 3 years**
- Biological Sciences
- Chemistry
- Computer Science
- Computer Science for New Media Communications
- Computer Systems and Networks Security – also online
- Geological Sciences
- Industrial Chemistry
- Mathematics
- Music Information Science
- Natural Sciences
- Physics
- Science and Technology for Studying and Preserving the Cultural Heritage and Information Storage Media

**Master programmes – 2 years**
- Applied Biology in Nutritional Sciences
- Biodiversity and Evolutionary Biology
- Biology Applied to Research in Biomedicine
- Chemistry – partly in English!
- Computer Science2 – in English
- Cultural Heritage Conservation Science
- Earth Sciences
- Industrial Chemistry – in English
- Informatics Security
- Mathematics2
- Molecular Biology of the Cell – in English
- Molecular Biotechnology and Bioinformatics – in English
- Nature Sciences
- Physics

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1 Double degree with Université Paris Diderot and Université de Strasbourg
2 Double degree with S.Seifullin Kazakh Agro Technical University
3 Double degree: with: Université de Bordeaux, Université de Paris – Sud, University of Leiden, Concordia University, University of Stellenbosch, Chennai Institute of Technology, Università di Padova, University of Regensburg, and University of Essen
Originally founded as a School of Agriculture in 1871, the Area is now the largest in Italy in terms of the number of students – approximately 3000 – and teaching staff – around 180.

The Area has expertise which covers a wide range of fields; this ensures its involvement in numerous research projects and technological applications, ranging from sustainable agriculture and environmental protection to food processing and technical and economic management of agriculture and food activities.

Its 2 departments own modern analytical laboratories, greenhouses and pilot plants and 3 University farms, with its activities encompassing agronomy, animal husbandry, plant breeding, mechanics, biotechnology and food technology.

Departments
- Agricultural and Environmental Sciences – Production, Landscape, Agroenergy
- Food, Environmental and Nutritional Sciences (DeFENS)

Bachelor programmes – 3 years
- Agricultural Science and Technology
- Agricultural Technology for the Environment
- Biotechnology (inter-area programme)
- Food Service Science and Management
- Food Science and Technology
- Herbal Sciences and Technologies (jointly run with the Area of Pharmacy)
- Improvement and Protection of Mountain Environments
- Management of Cultivated Plants and Landscaping
- Viticulture and Enology

Master programmes – 2 years
- Agricultural Sciences
- Agro-Environmental Sciences
- Crops and Plant Sciences
- Environmental and Food Economics – in English
- Human Nutrition and Food Science (jointly run with the Area of Medicine)
- Green Areas and Landscape Design (inter-university programme)
- Nutritional Sciences
- Plant, Food and Environmental Biotechnology
- Viticulture and Enology Sciences (inter-university programme)
The University of Milan has 33 Doctoral Programmes in several different fields of study, in which highly specialised training and research activities are closely related. Students holding a master’s degree are admitted on the basis of competitive selection and most of them are supported by fellowships.

They are trained for advanced scientific research or for highly-qualified professional roles. Programmes mainly consist of independent research projects carried out under the supervision of a university professor.

The Doctoral Programmes have a strong international orientation, with a high percentage of foreign students and visiting professors, and with most activities conducted in English. Moreover, several programmes have established international agreements with universities and research institutions. More information can be found on our international website, in the "International – training agreements” section.

Area: Economics, Law and Social Sciences
- Comparative, private and civil procedural law
- Economics
- Economic Sociology and Labour Studies
- History, Culture, Social and Institutional Theories
- Legal studies “Cesare Beccaria”
- Public, International and European Union Law
- Political Studies
- Sociology and Methodology of Social Research

Area: Medicine and Healthcare
- Clinical and Experimental Medicine
- Epidemiology, Environment and Public Health
- Experimental Medicine and Medical Biotechnologies
- Integrative Biomedical Research
- Molecular and Translational Medicine
- Nutritional Sciences
- Oral Sciences
- System Medicine

Area: Humanities
- Linguistic, Literary and Intercultural Studies in European and Extra-European Perspectives
- Literature, Arts and Environmental Heritage
- Philosophy and Human Sciences

Area: Science
- Agriculture, Environment and Bioenergy
- Biochemical Sciences
- Chemistry
- Computer Science
- Earth Sciences
- Environmental Sciences
- Experimental and Clinical Pharmacological Sciences
- Food Systems
- Industrial Chemistry
- Mathematical Sciences
- Molecular and Cellular Biology
- Pharmaceutical Sciences
- Physics, Astrophysics and Applied Physics
- Veterinary and Animal Science
The International Summer and Winter Schools are intensive courses that deal with a specific topic, most often from a multi-disciplinary point of view. Both students and faculties from several European countries are involved and the working language is usually English. Recently, the following broad range of issues has been covered:

**Area: Humanities**
- Italian Culture and Language

**Area: Medicine and Healthcare**
- Biomed Grid School
- Drug Abuse
- European School of Medicinal Chemistry (ESMEC)
- Feed for Health
- Mineral Nutrition in Photosynthetic Organisms: Molecular, Physiological and Ecological Aspects
- Pre-doctoral school in Quantitative Biology
- Summer School in Pharmaceutical Analysis (SSPA)
- Regulation of Gene Expression: From DNA to Phenotype

**Area: Science**
- Agriculturally Derived Products and Environmental Contamination
- An Old Science for Young Scientists: New Goals on Environmental Science
- Biochemical and genetic dissection of control of plant mineral nutrition
- ECMI – European Consortium for Mathematical and Industry
- ECOTOX – Agricultural Derived Products and Environmental Contamination
- Experimental Developmental Biology of Marine Invertebrates
- Geochemistry, Petrography and Tectonic Significance of the SE Anatolian Ophiolites
- Gravitational Waves
- Industrial Mathematics
- Interdisciplinary Approaches to Microarray Data Analysis
- Journey through the Faculty of Veterinary Medicine
- Mid-ocean Ridge processes and ocean lithosphere architecture
- Multi-Messenger Approach to Astroparticle Physics
- Organic Synthesis “Attilio Corbella”
- Osteology and Anthropology
- Plants, genes and environment – Gene action, adaptation mechanisms and breeding
- Sustainable Horticulture
- Sustainable Plant Protection
- The Jurassic/Cretaceous Boundary: 3rd workshop of the IUGS JK boundary Working Group
- ViOpe “Learning Computer Programming in Virtual Environment”
- Winter School on Internet of Things

With 400 international mobility agreements and over 954 agreements within European Community programmes, our University has worked with foreign partners for many years, contributing to exchanges of students and teaching staff.

The results of our efforts in international education are also visible in the international agreements for double degree curricula within graduate and undergraduate courses, short courses, summer schools and joint modules, all programmes based on specific collaboration agreements.

The University of Milan participates in the “Marco Polo” programme for Chinese students and is home to a branch of the Confucius Institute, established in collaboration with the Liaoning Normal University and the Hanban of Beijing, the office for the international promotion of the Chinese language.

The University is also one of the Italian institutions where it is possible to take the HSK Chinese Proficiency Test, the International Certificate in Russian as a Foreign Language and the International Certificate “Français des Affaires et des Professions”.

The International Summer and Winter Schools are intensive courses that deal with a specific topic, most often from a multi-disciplinary point of view. Both students and faculties from several European countries are involved and the working language is usually English. Recently, the following broad range of issues has been covered:

**Area: Economics, Law and Social Sciences**
- China Intellectual Property
- Cost Benefit Analysis of Investment Projects
- Econometrics
- ECSR, Collegio Carlo Alberto and NASP Joint Spring School on the Analysis of Social Stratification and Inequalities
- EU Disaster Response Law in an International Context
- EUfers - Performance and Governance of Services of General Interest in the EU
- Indian Politics, Economics and Culture
- Law and Bilateral Trade: North America – Europe
- Organized Crime (national school)
- Political Communication and Electoral Behaviour (biannual)
- ResPos - Research Strategies in Policy Studies
- Spatial and Temporal Patterns in International Migration
- Summer School in China – Executive Education Training Program
- Summer School on Transnational Dispute Resolution
- Summer School on the topic of “Droit et commerce bilatéral : Amérique du Nord-Europe/Law and Bilateral Trade: North America-Europe” (Montréal-Milano)
- Telecom Summer School on Regulation and Competition Policy
The University of Milan has a deserved reputation as one of the European universities that is most seriously committed to research, of both a basic and applied nature. This research is undertaken across the entire range of scientific and disciplinary fields present in the University. The University’s researchers occupy leading positions in numerous research programmes conducted both at a national and international level.

In recent years, the University has been an extremely active participant in the European Commission’s Research Framework Programmes, enjoying particular success in the fields of life sciences, food quality and safety, nanotechnologies and environmental sciences.

This research work is conducted in 32 Departments.

The results of our research are attested to by a significant amount of scientific publications (more than 22,000 in the last three years).

Thanks to these factors, upon which the quality of our research is assessed, we occupy top positions in the most important international rankings.

The University of Milan in the international rankings based on scientific performance and quality

<table>
<thead>
<tr>
<th>Ranking</th>
<th>Italy</th>
<th>Europe</th>
<th>World</th>
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<td>Taiwan Ranking – NTU (2015)</td>
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<td>Shanghai – ARWU – Jiao Tong University (2015)</td>
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<td>151-200</td>
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<td>Times Higher Education – THE (2015-16)</td>
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<td>301-350</td>
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<td>QS World University Ranking (2015-16)</td>
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<td>-</td>
<td>306</td>
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</tbody>
</table>
SCIENTIFIC RELATIONSHIPS

Numerous researchers from the University work in collaboration with various national research institutions: in particular, the University is home to branches of the Italian National Research Council (CNR), and other research Institutions, within which many research projects are currently being conducted.

Important lines of research are also being developed in the areas of economics, history, law, and social and political studies, with a special focus on the international context.

The University of Milan is the only Italian University among the 21 members of LERU (League of European Research Universities).

Membership in LERU, which is by invitation, is periodically evaluated against a broad set of quantitative and qualitative criteria, such as research volume, impact and funding, strengths in PhD training, size and disciplinary breadth, and peer-recognised academic excellence.

LERU (League of European Research Universities) www.leru.org

- Universiteit van Amsterdam
- Universitat de Barcelona
- University of Cambridge
- University of Edinburgh
- University of Milan
- Université de Genève
- Ruprecht-Karls-Universität Heidelberg
- Helsingin yliopisto (Helsinki)
- Universiteit Leiden
- Katholieke Universiteit Leuven
- Imperial College London
- University College London
- Lunds Universitet
- Università degli Studi di Milano
- Ludwig-Maximilians-Universität München
- University of Oxford
- Université Pierre et Marie Curie
- Université Paris-Sud 11
- Université de Strasbourg
- Universiteit Utrecht
- Universität Zürich

KNOWLEDGE TRANSFER

The University of Milan has a wealth of skills and knowledge combined with a strong focus on technology transfer activity. This makes the University an important reference point also for businesses. An increasing number of companies are turning to the University of Milan, commissioning research studies and requesting consulting services in the most diverse areas of knowledge. Companies also collaborate with the University by offering internships in specific professional fields.

The results of such partnerships are tangible: since 2003, 32 spin-off companies, 18 of which still operating, have been set up and operate in the University's top research macrosectors: Biotechnology and Pharmaceutical Technology (54%), Industrial Technologies and Processes (13%), ICT (10%), Devices and Appliances (10%), New Materials (3%), Energy and Environment (7%) and Agrofood (3%). Furthermore, the University has a patent portfolio counting 223 patent applications protecting new inventions classified into four macro-categories, reflecting the main field of their use: Health 43%, Nature 18%, Industry 26% and Biotechnology 13%.

At the University of Milan the technology transfer process is fully supported by providing managerial tools and expertise to advance research results towards industrial applications. The intellectual property culture is widely disseminated and high-tech entrepreneurship encouraged among the research groups. A wide range of services is provided – from prior art search to business analysis and development, IPRs management and licensing.

The establishment of the Filarete Foundation has been particularly important. It is a public-private partnership among the University of Milan, a major bank and a bank-funded charity. Its objectives are to realize technology transfer in biosciences, in particular supporting new entrepreneurs and implement collaborations among researchers, enterprises and financial institutions.
THE UNIVERSITY LIBRARY SYSTEM

The University of Milan has a network of 22 libraries with one of the largest book collections in the region and a digital library with 62,522 e-journals, 368,940 e-books and 187 databases. All libraries share the same OPAC (Online Public Access Catalogue) – constantly accessible on and off campus – which contains more than one million bibliographic records covering old and modern books, printed and electronic periodicals and audiovisual material. The library system also incorporates the APICE Centre – that collects, preserves and utilizes rare and valuable books and archives – and the AIR (Institutional Research Archive), which contains complete records of the University’s research results.

E-LEARNING AND DISTANCE EDUCATION

The University of Milan offers its teaching staff and students an online portal dedicated to e-learning and distance education. The Ariel portal contains hundreds of websites to support on-campus learning. The University, thanks to its modern in-house audiovisual production facilities, carries out educational support activities in the sphere of radio and television for bachelor and master courses in the area of communication and for the University’s School of Journalism. It also handles every stage of the audio and video productions requested by the University’s various faculties and structures: audio recordings, online video modules, interactive DVDs, radio and television productions.

www.ariel.unimi.it
www.portalevideo.unimi.it
Excellence Scholarships programme are automatically awarded – without any application procedure – to the best Master students, on the basis of merit. Students can also apply for scholarships and prize, as well as for the accommodation and refectory services, regularly offered on the basis of merit and income by the University. Application to these scholarships and services requires meeting the criteria specified in a competitive announcement published annually during the summer.

The total value of this type of scholarships varies according to the economic status of the student’s family.

The University provides further support for deserving students with particular financial difficulties, by offering partial or total exemption from the payment of university fees.

More information is available from our international website in the STUDENT SERVICES section, under “Scholarships and Grants” and “Refectories and Accommodation”.

ITALIAN LANGUAGE

Enrolling at the University of Milan gives international students the opportunity to learn Italian language while studying.

International students will be divided into different language programmes (from beginners to intermediate or upper intermediate) on the basis of their starting Italian language level.

There are however many other Italian language and culture courses, at various levels, offered by the University of Milan, and namely:

- Summer courses: held between July and August in Gargnano (BS), on Lake Garda (Italian language and culture).
- Summer School (in cooperation with the Municipality of Milan): held in Milan for foreign teachers and promoters of Italian language and culture.
- Italian language intensive courses – CALP (Cognitive Academic Language Proficiency).
- Marco Polo courses, specifically dedicated to Chinese students.
- Promoitals online: the first Master’s degree for Italian or foreign graduates designed to train teachers and professional figures involved in the teaching and promotion of Italian as a Second or Foreign Language.

italian.courses@unimi.it
www.calcif.unimi.it
www.promoitals.unimi.it
STUDENTS ADVISORY AND CAREER GUIDANCE SERVICES

Our University offers a guidance service to help future students with study choices and to provide graduates with career advice.

Future students can obtain information about courses and study programmes through group presentations and individual interviews. Enrolled students are provided with individual psychological support services and assistance in adapting study methods.

We help students to approach the world of work by means of internships, interviews with companies, the advertising of vacancies and a graduates’ curriculum database.

Information regarding the necessary documents and procedures for enrolling in courses at the University of Milan is provided by the Foreign Students Office and is available from our international website in the STUDENT SERVICES section.

www.cosp.unimi.it
international.students@unimi.it

SERVICES FOR DISABLED PEOPLE

The University of Milan’s Disability and Handicap Service promotes the social integration of disabled students and University staff, protecting their rights and providing helpers to accompany them, as well as offering administrative, educational and psycho-pedagogical assistance.

CULTURAL ACTIVITIES, SPORTS AND LEISURE

The University of Milan promotes sporting and cultural activities for students and staff, through its University Sport Centre and through collaborations and special arrangements with the city’s main gymnasiums, cinemas, dance/music agents and theatres, in order to provide access to cultural initiatives and services at a reduced price.

University of Milan students can also take part in music and theatre initiatives organised by the University’s resident cultural institutions, which include the Orchestra, the Choir and the University Theatre Centre.

The University of Milan Orchestra offers students the possibility to audition for a classical music ensemble that is both young and prestigious, thanks to its close collaboration with the “Giuseppe Verdi” Conservatory of Milan.

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