



**POLITECNICO**  
MILANO 1863

POLO TERRITORIALE DI  
PIACENZA

# PIACENZA CAMPUS

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## THE PIACENZA CAMPUS

The Piacenza Campus is one of the sites of the Politecnico di Milano. It is a scientific community, founded in 1863, which trains thousands of engineers, architects and designers every year and which today employs some 50 thousand people including teachers, researchers, students and technical and administrative staff.

The Politecnico is a symbol of excellence on the Italian and international university scene and is synonymous throughout the world with quality and innovation. This is also due to the relationships it fosters with social and economic entities in the local area. The progressive geographical spread of the University has contributed to this: since the end of the 1980s, the University has expanded out from the centre of Milan, establishing campuses in various cities in northern Italy.

Piacenza has been one of these sites since 1997, where a positive and fruitful synergy between research, teaching and technology transfer has made it possible to develop close relationships,



CASERMA NEVE CAMPUS



ARATA CAMPUS

partnerships and collaborations with organisations, institutions and companies, becoming a professional outlet for young graduates as well as a field of research application.

The mechanical engineering and energy sectors are the most involved (through the Mechanical Engineering and Energy Engineering programmes), as well as architectural design, landscape design and environmental sustainability (in the Architecture programmes).

This connection is further demonstrated by the numerous local institutions that support the Politecnico through the PoliPiacenza Association: the Fondazione di Piacenza e Vigevano, the Chamber of Commerce, Confindustria Piacenza, the Municipality of Piacenza, the Province of Piacenza, the Emilia Romagna Region; the Banca di Piacenza.

The Politecnico's Piacenza Campus is uniquely situated due to its integration in the heart of the urban fabric of the city. Its premises (**Caserma Neve Campus and Arata Campus**), which are located a short distance from each other, are the result of recent restoration work on historical locations with architectural and artistic value. These have been regenerated into avant-garde sites of culture and education with teaching and study rooms, libraries, meeting spaces, as well as a series of innovative application laboratories.



# PROGRAMMES

Laurea (equivalent to Bachelor of Science, hereinafter “L”)

Class of degree L-17 - Architecture

# ARCHITECTURAL DESIGN

The L programme in Architectural Design provides knowledge of architecture in its logical-formal, historical, aesthetic, constructional, technological and representational dimensions. Architectural design covers different areas and scales: the city, the countryside, the building, the built environment and the interior. The programme includes all the scientific, humanistic and artistic subjects that comprise the architect’s knowledge, tools, skills and abilities. The programme is distinguished by the central role of the design experience and is based on the integration and synthesis of different subject areas. It seeks to foster synergy between laboratories and courses for the study of architectural subjects in their humanistic, artistic and technical-scientific dimensions, along with those that complement and expand the architect’s areas of expertise. A traineeship rounds off the training.

At the Piacenza Campus, the L in Architectural Design shares objectives and learning outcomes with the programmes available at the Milan and Mantova sites. During the third year, in line with the Campus’ cultural agenda, the teaching experience of the Final Design Laboratories and the elective courses will focus on the themes of environmental sustainability and landscape and open space design.

At the Piacenza Campus, in addition to the programme in Italian, a parallel programme is also offered that is entirely taught in English, with 50 places reserved for students from non-EU countries and 50 places available for Italian students and students from other EU countries. The English language programme also features the participation of international Visiting Professors

Graduates in Architectural Design are offered professional opportunities in institutions and organisations, public and private companies, professional studios and design companies. After passing the State professional examination, a graduate in Architectural Design can register with the Ordine degli Architetti, Pianificatori, Paesaggisti e Conservatori (National Association of Architects, Planners, Landscapers and Conservators), in Section B for the architecture category, with the title of Junior Architect. A graduate in Architectural Design has the educational credits required for accessing the Laurea Magistrale programmes (equivalent to Master of Science and hereinafter referred to as “LM”) aimed at training architects and building engineers-architects, in accordance with Directive 85/384/EEC. The Piacenza Campus also offers an LM programme in Sustainable Architecture and Landscape Design, which integrates the skills of architectural studies with landscape design. LM graduates can also access 1st level specializing master programmes.

## Courses

### FIRST YEAR

- Architectural design studio
- Urban planning studio
- Elements of architectural typology
- Math
- History of architecture 1
- Fundamentals of representation
- Architectural technology fundamentals

### SECOND YEAR

- Architectural design studio 2
- Building technology studio
- Statics
- Building physics
- History of art
- History of architecture 2
- Urban planning
- Heritage preservation fundamentals
- Digi skills. Space representation in digital environment

### THIRD YEAR

- Architectural design studio 3
- Historical building preservation studio
- Final design workshop
- Mechanics of materials and structures
- Project evaluation
- Elective course
- Internship

### PRIMO ANNO

- Laboratorio di progettazione architettonica 1
- Laboratorio di urbanistica
- Caratteri tipologici dell’architettura
- Matematica
- Storia dell’architettura 1
- Fondamenti della rappresentazione dell’architettura

### SECONDO ANNO

- Laboratorio di progettazione architettonica 2
- Laboratorio di costruzione dell’architettura
- Statica
- Fisica tecnica e impianti
- Storia dell’arte
- Storia dell’architettura 2
- Urbanistica
- Fondamenti di Conservazione dell’Edilizia Storica
- Digi Skills. Rappresentazione dello spazio in ambiente digitale

### TERZO ANNO

- Laboratorio di progettazione architettonica 3
- Laboratorio di Progettazione dell’architettura degli Interni
- Laboratorio di progettazione finale
- Scienza delle costruzioni
- Estimo
- Corso a scelta dello studente
- Tirocinio

Laurea Magistrale (equivalent to Master of Science, hereinafter “LM”)

Class of degree LM-4 - Architecture and Architectural engineering

# SUSTAINABLE ARCHITECTURE AND LANDSCAPE DESIGN

The LM programme in Sustainable Architecture and Landscape Design, delivered in English and belonging to Degree Class LM-4 Architecture and Architectural Engineering, integrates the scientific and technical skills of the polytechnic culture of architecture studies with those of landscape design. Aimed at training highly competent professionals in the specialised fields of Sustainable Architecture and Landscape Design, it offers a training programme capable of tackling the problems of architectural and urban composition at different scales of involvement, with particular attention being paid to the sustainability of inhabited areas and the transformation of open spaces and infrastructures.

The technical and scientific skills on offer meet the demands of an increasingly global context. To support the internationalisation project, a number of parallel initiatives such as workshops, International Summer Schools and study trips are also planned in the two semesters. The LM programme in Sustainable Architecture and Landscape Design complies with Directive 2013/55/EU on the recognition of professional qualifications.

A graduate from this programme is capable of carrying out managerial functions in public or private institutions and bodies and as a freelancer, both independently and in professional offices and design companies. Graduates in Sustainable Architecture and Landscape Design can participate in the State professional examination for registration with the National Professional Register of Architects; LM-4 graduates can also register in Section A, Sector:

- **A - Architecture,**
- **B - Territorial planning,**
- **C - Landscaping,**
- **D - Conservation of the architectural and environmental heritage).**

After passing the State professional examination, the LM graduate will be able to practise as an architect in the Member States of the European Community (Official Journal of the European Union No 2004/C 322/02 of 29/12/2004).

The LM programme in Architecture also allows access to further studies, such as PhD programmes, 2nd level specializing master programmes and specializing courses.

Courses

## FIRST YEAR

- The debate on sustainability: history, theories and contemporary approaches
- IC Landscape representation and modelling (Land surveys and representation methods, GIS applications)
- Sustainable energy systems and processes
- Steel, timber and reinforced concrete structures
- Architectural design studio 1 (Sustainable architecture, Multi-criteria analysis and project appraisal)
- Sociology of the environment
- Urban and environmental design studio (Design of public spaces and infrastructures, Agronomy)
- Urban and landscape regeneration studio (Environmental technology, Landscape as heritage, General ecology)

## SECOND YEAR

- Landscape design studio (Advanced landscape design, Physical geography and geomorphology, Applied botany)
- Architectural design studio 2 (Advanced Architectural design, Landscape aesthetics)
- A course among Special Topics in: Landscape, Urban Design, Urban Planning, Environmental Design
- 2 optional course among: BIM applications; Creativity and Architecture In the Movies; Resilient strategies in risk situations; Architecture for smart city; Architecture, art and public space; Topics in Landscape Architecture History and Theory

## ARCHITECTURE LABORATORIES

### Modelling laboratory and Fab Lab

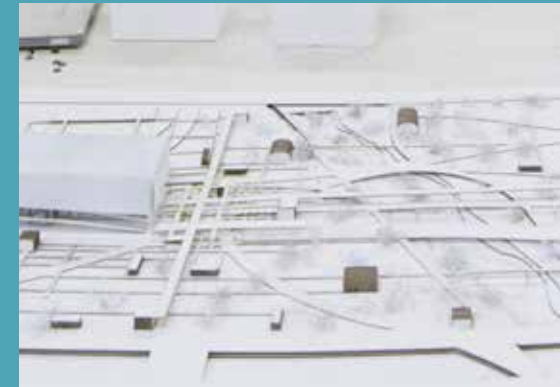


From the first year of their L programme at the Piacenza Campus, Architecture students can use the Modelling laboratory and the Fab Lab, which are dedicated to the creation of architectural models and building components with the use of professional equipment.

The Modelling laboratory has machines, tools and equipment for the preparation, processing and assembly of models at different scales and sizes. The Fab Lab is a space for sharing, training and realising projects, which includes a 3D printer and a “laser cutter” plotter.

These spaces are located on the Arata Campus, in the Bacciocchi Pavilion, and are designed as “workshop spaces” in which students have the opportunity not only to experiment with the most advanced techniques for constructing models, maquettes and 3D models, but also to further develop their training through direct and oriented application.

Access to the Modelling laboratory and Fab Lab is only permitted to those who have attended the information and training course on safe access to the laboratory spaces and equipment.







## TRAINEESHIPS

For both the L programme in Architectural Design and the LM programme in Sustainable Architecture and Landscape Design, **the traineeship is compulsory** (curricular traineeship producing credits - ECTS). The traineeship within the L programme in Architectural Design can take place in the second semester of the second year or in the third year, lasts 100 hours and can be carried out either full-time or part-time. The traineeship within the LM programme in Sustainable Architecture and Landscape Design can take place in the first or second year, lasts 200 hours and can be done either full-time or part-time. For both the L and the LM programmes, students may undertake:

- 01 an external traineeship in Italy or abroad
- 02 an in-house practical activity (traineeship)
- 03 a workshop or a professional course

In addition to the compulsory traineeship, students may undertake one or more optional traineeships, which do not count towards the acquisition of credits and must be completed before the thesis discussion.

Laurea (equivalent to Bachelor of Science, hereinafter “L”)

## Class of degree L-9 - Industrial Engineering

# MECHANICAL ENGINEERING

The L programme in Mechanical Engineering trains engineers to deal with both the design and the production and management of products, technological processes and industrial plants; therefore it trains professionals able to operate in all areas of Industrial Engineering. Particularly in the early years, the programme provides a solid technical and scientific background, which the economic and applied skills can be built upon. This preparation is completed in the third year of the programme (in the “Preparatory” and “Professional” tracks) and in the laurea magistrale programme, with the in-depth study of specialist knowledge required for professional activity.

At the Piacenza Campus, the first and second years of the L programme are taught in the same way as the first and second years at the Milan Bovisa Campus, as well as the third year of the “Preparatory” track. The third year with a professional focus on “Machinery and Production Plants” is only available at the Piacenza Campus and offers a wide-ranging and at the same time in-depth preparation for professional activities in relevant areas of local and national industry.

The “Preparatory” track includes courses that allow direct access to the laurea magistrale programme in Mechanical Engineering. The “Machinery and Production Plants” track includes courses that facilitate entry into the world of work.

The courses in the third year supplement the basic training with content in the areas of mechanical and energy systems, industrial logistics and machining systems. There is also a significant amount of in-company training.

The graduate is prepared to develop the design of mechanical systems from a functional, constructional and energy point of view, and the arrangement, operation and use of machines in a plant.

After passing the State professional examination, graduates in Mechanical Engineering will be able to register with the Ordine degli Ingegneri (National Association of Engineers) (Section B). Continuation of studies (laurea magistrale in Mechanical Engineering or related programmes) is subject to assessment of the previous curriculum. Graduates are also eligible for 1st level specializing master programmes.

## Courses

### FIRST YEAR

- Calculus 1
- Chemistry
- Informatics B
- Methods of technical representation
- Calculus 2
- Fundamentals of experimental physics
- Metallurgy and non metallic materials

### SECOND YEAR

- Machine design 1
- Thermodynamics and heat transfer
- Principles of electrical engineering
- Mechanics
- Mechanical and thermal measurements
- Manufacturing technology I

### THIRD YEAR | Preparatory

- Analytical and numerical methods for engineering
- Fluid mechanics
- Management and industrial engineering
- Statics
- Mechanics of vibrations
- Fluid-Machines
- Methods of structural analysis
- Mechanical design laboratory

### THIRD YEAR | Production plants and machinery

- Fluid mechanics
- Machines and systems for energy
- Mechanical plants
- Modelling and computer assisted analysis of mechanical structures
- Machine tools
- Logistics
- Internship

## Class of degree LM-33 - Mechanical Engineering

# MECHANICAL ENGINEERING

### “FA5 - Mechatronics for manufacturing” track

At the Piacenza Campus the LM programme in Mechanical Engineering with specialisation in “Mechatronics for Manufacturing” is delivered in English. The aim is to create professionals who specialise in the design, integration, monitoring and control of complex mechatronic systems such as robots, automatic machines, machining centres, etc. The structure of the LM programme makes it possible to specialise right from the first year.

Future engineers will be able to use new tools and methodologies, such as sophisticated simulation techniques, tools supporting digitisation, and artificial intelligence, etc. The skills acquired will be important for developing innovative solutions both during the conceptual design of machines and during their use in the production environment. The training provided will enable them to carry out, both domestically and possibly abroad, various roles in the business environment: from research and development to production as well as technical and commercial functions. They will also be able to carry out consultancy work or undertake innovative entrepreneurial initiatives such as start-ups or spin-offs. This training pathway is the answer to an industrial landscape that needs an increasingly structured innovative boost and is facing complex and constantly evolving challenges. Manufacturing companies have to respond faster and faster to the demands of the market, they have to do so with smart and sustainable solutions, and they have to ensure circular approaches geared towards reducing resource exploitation. The “Mechatronics for Manufacturing” track aims to train professionals well prepared to meet these challenges.

The core courses of “Mechatronics for Manufacturing” are system mechanics, machine building, machining technologies and systems and automatic controls. They also provide examples of industrial applications and several companies are actively involved in the delivery of content and workshop sessions.

Specifically, the close link between education and industry is embodied in the course provided by Siemens at the Digital Experience Center (DEX), a prestigious centre on an international level, located in Piacenza, a few kilometres from the University Campus. Thanks to the use of innovative software tools and state-of-the-art machinery, students have the opportunity to actively engage in the creation of digital twins of systems and to make them interact with a corresponding physical part, experimenting with innovative approaches to design and simulation.

Teaching activities take advantage of the availability of the MUSP (Laboratory for the Study of Machine Tools and Production Systems, part of the Emilia-Romagna High Technology Laboratory Network) - located at Piacenza Technopole - where innovation projects and applied research activities are developed together with the main companies in the sector and where students have the opportunity to carry out laboratory experiences and develop projects.

Graduates from the LM in Mechanical Engineering, after passing the State professional examination, can register with the Ordine degli Ingegneri (National Association of Engineers) (Section A).

The LM in Mechanical Engineering allows graduates to take part in selections for PhD programmes and to access specializing courses and 2nd level specializing master programmes.

### Courses

#### FIRST YEAR

- Measurements and industrial internet of things
- Dynamic and control for mechatronics
- Digital and advanced manufacturing
- Machine design for mechatronic and robotic systems
- Smart materials
- Advanced feedback control design
- Mechatronics for sustainable manufacturing

#### SECOND YEAR

- Robotics for manufacturing
- Lab course – Machinery mechatronic design
- Courses chosen among Computational fluid dynamics for manufacturing processes, Energy systems, Vision based 3D measurements, Machine learning and model identification for mechanical system, Finite element simulation for mechanical system, Precision machine design, XR applications for engineering, Cyber physical manufacturing systems, Open course
- Thesis work and final defence

**Class of degree LM-30 - Energy and Nuclear Engineering**

# ENERGY ENGINEERING

*“Renewables and Environmental Sustainability - RES” track*

Energy engineering is the field of industrial engineering that deals with the design and operation of energy plants and their components. Processes, plants and individual equipment are analysed with a variety of objectives in mind: not only functionality, reliability, profitability, safety and good performance, but also the intelligent use of resources and low environmental impact. In this context, energy technologies for exploiting renewable sources and reducing the environmental impact of fossil fuels are playing an increasingly important role. The professional required to achieve these objectives must be able to combine a sound knowledge of energy conversion processes with mastery of the mathematical tools needed to optimise them and the ability to assess their sustainability. The energy engineer’s focus on environmentally friendly scientific and technological development is a key ingredient of sustainable energy and industrial policies, which in turn are indispensable for ensuring growth and balanced prosperity for mankind. The “Renewables and Environmental Sustainability” study plan at the Piacenza Campus provides for a special training course aimed at training a professional figure with transversal skills in energy and environmental issues:

- clean and safe energy;
- sustainability;
- smart transport;
- efficient use of energy and materials;
- sustainability of bio-resources.

The energy engineer graduating from this LM programme will acquire an in-depth knowledge of the operational principles, technologies and management methods of low-carbon and low-impact systems, principles of technical/economic regulation of energy systems, design and use of tools for process analysis, management of multidisciplinary projects, scenario analysis, impact assessments, sustainability assessments.

After passing the State professional examination, LM graduates can enrol on the Ordine degli Ingegneri (National Association of Engineers) (Section A). The LM programme in Energy Engineering provides access, after a selection process, to PhD programmes, specializing courses and 2nd level specializing master programmes.

Scholarships are available for both Italian and foreign students.

## Courses

### FIRST YEAR

- Advanced mathematical methods
- Energy systems or Energy and environmental technologies for building systems
- Fundamentals of chemical processes for energy and environment
- Electric conversion of renewable energy sources
- Renewable energy and low-carbon technologies
- Fluid machines for low-carbon technologies
- Smart grids and regulation for renewable energy sources

### SECOND YEAR

- Industrial ecology
- Air pollution and control engineering
- Bio-energy and waste-to-energy technologies
- Energy and environmental technologies for building systems (if not attended during first year)
- Process design and management practices for energy projects
- Energy systems optimization (optional)
- Managing power plant projects
- Depending on the study plan submitted, another optional course will be attended in Milano (Bovisa or Leonardo) and chosen among the programs in Energy Engineering or Environmental Engineering



## TRAINEESHIPS

A traineeship is a training experience in the field, directly linked to the contents of the study programme. It allows students to spend several months in a company, organisation or design studio (in Italy or abroad), working under the guidance of a tutor.

During the traineeship, the student gets to know the reality and problems of the working world, according to a training project in which the methods of analysis and resolution learned during the course of study are to be applied directly.

During the traineeship, the student provides the host organisation with his or her academic background in relevant practical situation, taking an active part in defining the problem and solving it, and acquiring know-how on the subject in question by being placed in a fully operational setting.

For students in the third year of the “Professional track” the Mechanical Engineering L programme, the traineeship is compulsory and involves approximately 400/420 hours (curricular traineeship corresponding to 16 ECTS) preceded by an induction course (corresponding to 2 ECTS).

For students on the LM programme in Mechanical Engineering and Energy Engineering (Renewables and Environmental Sustainability - RES) the traineeship is optional and therefore does not entitle them to any ECTS.



## HOW TO APPLY

### LAUREA (equivalent to Bachelor of Science, hereinafter “L”)

#### ADMISSION REQUIREMENTS

- upper secondary education diploma or other equivalent, recognised qualification;
- admission tests.

The tests are different depending on the programme chosen and each one has specific rules: to enrol on the L programme in Architectural Design, it is necessary to take the architecture test. In order to enrol in the L programme in Mechanical Engineering degree course, it is necessary to take the TOL - Test On Line engineering test.

Each test verifies the basic knowledge required to undertake our courses of study.

### LAUREA MAGISTRALE (equivalent to Master of Science, hereinafter “LM”)

#### REQUIREMENTS FOR APPLYING FOR ADMISSION

- possession of a 1st level L degree, a LM degree, a degree from the old educational system, or a university diploma;
- have already acquired 145 ECTSs during the previous L or LM programme.

The application includes an assessment of the student’s career based on the verification of specific requirements and the possession of an English proficiency certificate.

# STUDENT SERVICES

## RESIDENCES

### “VICINATO SOLIDALE” (NEIGHBOURHOOD SOLIDARITY) PROJECT

The accommodation is located in a residential area on the university campus, with green areas and tree-lined paths and is just a few minutes' walk from Piacenza's train station. The accommodation, some of which is adapted for people with disabilities, is modern and fully furnished.

#### **There are different types of flats:**

- three bedroom flats, consisting of three

single rooms, three bathrooms, a kitchen and a living room;

- one or two bedroom flats, consisting of a bedroom, kitchen, living room and bathroom.

Access to accommodation is decided on the basis of economic circumstances, merit and distance from the place of residence. In addition, by joining the “Vicinato solidale” project at the time of submitting the application, students must make themselves available to devote 3 hours a week of social aid to rest homes or the Caritas canteen for a period of ten months. They are not asked to

do care tasks, but to provide support such as shopping, running errands and keeping people company.

### COLLEGIO MORIGI

At Collegio Morigi there are beds available for off-site students enrolled in the Piacenza Campus. Of these places, a certain number are reserved for LM students who are awarded special scholarships not covered by the Diritto allo Studio Universitario (DSU) grants. The Collegio Morigi is located in the centre of Piacenza. Students can take advantage of the discounted catering service at the “Self Service Morigi” restaurant. The residence also has a kitchen, a laundry room, a gym, wi-fi, some study rooms and common rooms.

### COLLEGIO SAN VINCENZO

The Collegio San Vincenzo is located in the heart of Piacenza, in one of the most important and characteristic buildings of the city, which has recently been completely renovated.

The facility can accommodate students in a modern, air-conditioned environment, with independent kitchens, an internal park, parking for bicycles, study rooms, wi-fi, a gym and an internal canteen open to all, whether or not they are guests of the Collegio.

The site has been developed by integrating different types of accommodation located in two different blocks: in block A there are single/double rooms with bathroom and most of the communal facilities; in block B there are double rooms with a mezzanine floor and bathroom. Full-rate and subsidised accommodation are both available on a first-come, first-served basis.





## REFRESHMENT POINTS

On the two sites of the Piacenza Campus, students have well-equipped rooms for their study and lunch breaks at their disposal:

- on the **Caserma Neve Campus** there is a refreshment area equipped with 6 microwave ovens, 3 self-service vending machines for snacks, ready meals, hot/cold drinks and 1 vending machine for natural and sparkling water, which can be used free of charge;
- on the **Arata Campus** the refreshment area (which also has a pleasant outdoor area with tables and chairs) is equipped with 2 microwave ovens, 3 self-service vending machines for snacks, ready meals, hot/cold drinks and 1 dispenser of natural and sparkling water, which can be used free of charge.

BOTH CAMPUSES ALSO HAVE A NUMBER OF AREAS EQUIPPED WITH FREE MICROWAVE OVENS AND SELF-SERVICE VENDING MACHINES FOR SNACKS, READY MEALS AND HOT AND COLD DRINKS



## LIBRARY

The library of the Piacenza Campus was set up with the aim of providing adequate support for the research and teaching requirements of the study courses offered on the Caserma Neve and Arata Campuses.

More than **7000 monographs** are available on open shelves and **4 current subscription periodicals**. The electronic periodicals, databases and e-books can be consulted from the library's workstations or from home by setting up the University proxy.

The library has **4 rooms** with **25 seats for consultation** and individual study.

To access the services, users must be registered and enabled in the University's authentication system. Access to the library is granted by showing the Policard, while access to the study rooms is granted by using the Affluences APP, which provides real-time information on the occupancy rate of seats in the library and the reservation of individual study places. Library services and the catalogue are also accessible via the Polimi Library application.



## IT SERVICES

### COMPUTER ROOMS

The centre currently has four computer rooms with a total of more than 120 workstations, which are open from 7.30 a.m. and one of which can be used until midnight.

All computer rooms are equipped with workstations capable of running the latest solid modelling and simulation programmes. Each computer room is equipped with a fixed or mobile audio/video system and network printers in colour or black and white.

Each classroom and computer room is also

equipped with a blended learning system for face-to-face and remote teaching. All the workstations can also use the plotters and scanners at the centre. Each student has a disk space quota and a free annual printing quota.

### IT SERVICES

The University's online services portal is your personal page where the services linked to your career profile are listed and where your University credentials, which you can use to access other services, are stored.



### WEBEEP

The online e-learning environment of the Politecnico di Milano that can be used with the University's credentials. It brings together access to the educational resources made available for individual courses and simplifies communication with teachers and students.

### NETWORK CONNECTION

Connection without any configuration to the wireless network (wi-fi) with temporary access via University Credentials or permanent access set up through the generation of a personal digital certificate.

### E-MAIL SERVICES

After career activation, each student is assigned a University email address.

### CLOUD SERVICES

#### OneDrive for Business

- personal cloud storage and collaboration space;
- 1 TB of online storage space;
- create and edit office family files such as Word, Excel and PowerPoint directly from the browser;
- document sharing and document search;
- co-authoring, versioning and email notifications when content changes;
- recover files deleted in the last 30 days.

#### Microsoft 365 Apps

Each user can install Microsoft 365 Apps as described on the University portal. The Microsoft 365 Apps suite includes: Word, Excel, PowerPoint, OneNote, Access, Publisher, Outlook, Teams, OneDrive For Business.



### STUDY AND TEACHING SOFTWARE

The University offers a wide range of software for education and learning. The service provides software packages with "educational" licences, which entails that the use of the applications is strictly limited to the University's institutional activities, excluding any use for personal, private professional or profit-making purposes.

### PRINTING SERVICE

Students enrolled at the Piacenza Campus have an annual printing credit at their disposal. They can therefore use the printers at their disposal, progressively deducting the cost of printing from their virtual credit and checking the remaining credit on the calculators using "print credit check" software. There are a number of printing devices on the Campus, all connected to the local network, for printing from the various fixed locations.

### VIRTUAL DESKTOP

This is a virtual environment where specific software for teaching activities is made available. Individual users can access the service via a PC connected to the network (personal or already present in the classroom) and use the software as if they were on their own computer. The virtual desktop service can be used both in the classroom and remotely at specific times.

## SCHOLARSHIPS AND DEGREE AWARDS



The Politecnico di Milano supports the studies of its students with the provision of **DSU ("right to education") benefits and awards and scholarships.**

In order to obtain DSU benefits (a scholarship consisting of a part in money and a part in services, in particular the catering service) it is necessary to participate in a special call for applications which is published every year by the Politecnico di Milano. In addition to the benefits provided for in the DSU call for applications, there are also awards and scholarships provided by the Politecnico di Milano or other bodies.

IN ADDITION TO THE SUPPORT OFFERED BY THE UNIVERSITY, STUDENTS ENROLLED AT THE PIACENZA CAMPUS HAVE THE OPPORTUNITY TO TAKE PART IN CALLS FOR APPLICATIONS FOR SCHOLARSHIPS ON OFFER FROM LOCAL ORGANISATIONS, ASSOCIATIONS, COMPANIES AND INDIVIDUALS.

01

### **"Confindustria Piacenza-Cesare Betti" Scholarship**

One scholarship of 5,000.00 Euros each year, for graduates on laurea programmes in Mechanical Engineering or Architectural Design at the Piacenza Campus, enrolled on a laurea magistrale programme at the Politecnico di Milano

02

### **"Dr. Ing. Aldo Aonzo" Scholarship**

One scholarship of 5,000.00 Euros each year for students enrolled in the first year of the laurea programme in Mechanical Engineering at the Piacenza Campus; the grant may be renewed for the remaining two years of the degree course if the requirements are met

03

### **"Girls@PoliPc" Scholarship**

One scholarship each year of 2,500.00 Euros, for female students enrolled in the first year of the laurea programme in Mechanical Engineering at the Piacenza Campus

04

### **"Ing. Alessandro Ghisoni" Scholarship**

One scholarship each year of 1,000.00 Euros, for students enrolled in the second or third year of the laurea programme in Mechanical Engineering at the Piacenza Campus

05

### **"Ing. Attilio Ceresa" Scholarship**

One scholarship each year of 1,500.00 Euros, for students enrolled in the second or third year of the laurea programme in Mechanical Engineering at the Piacenza Campus

06

### **"Pizzigati-Minoja" Scholarship**

Three scholarships of 7,600.00 Euros, in favour of students attending laurea and laurea magistrale programmes in Mechanical Engineering at the Piacenza Campus

Scholarships financed by the PoliPiacenza Association are also available for students on laurea magistrale programmes at the Piacenza Campus.

## EXPERIENCES ABROAD

The Politecnico di Milano offers its students various opportunities for an international transfer experience.

Students can spend a period of study abroad, generally from two months to a year, in order to attend courses and obtain credits that are fully recognised by the Politecnico di Milano in the student's career. Or they can go abroad for a period of research for their thesis.

### There are various opportunities on offer:

Erasmus+ Programme provides the opportunity to carry out study activities (courses or thesis) at a foreign partner university or a traineeship in a European company;

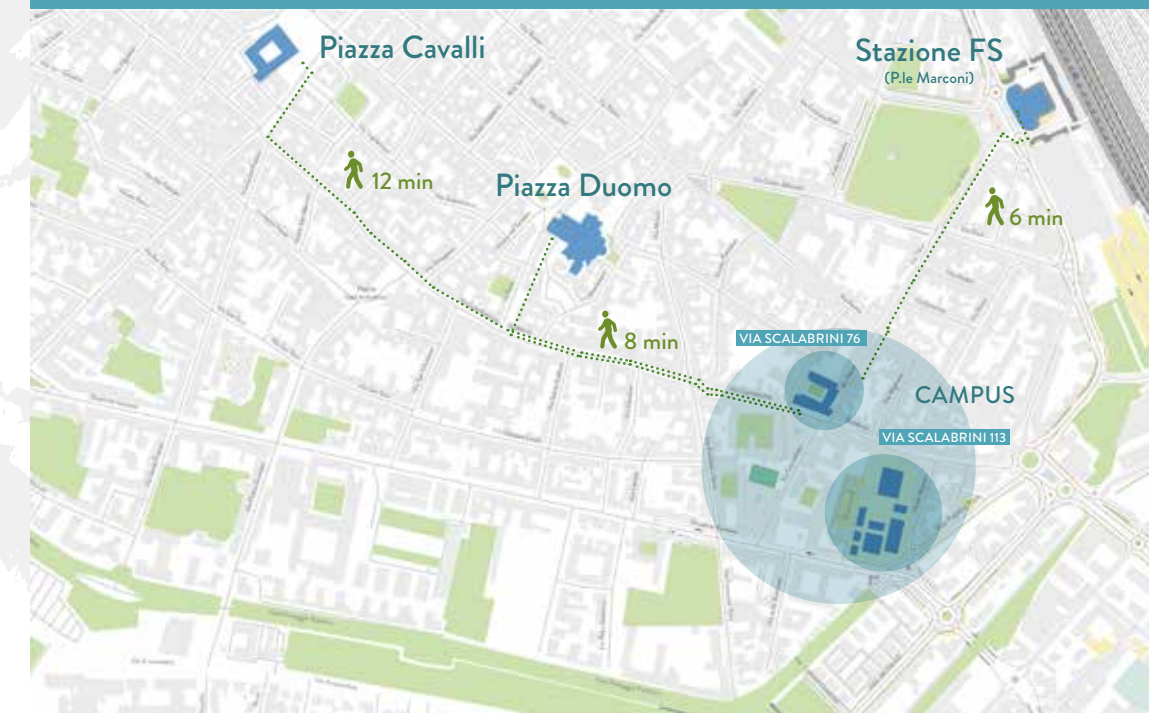
mobility is also possible outside Europe, thanks to exchange agreements with numerous partner institutions;

University has also signed numerous double degree agreements aimed at obtaining a foreign qualification, in addition to the qualification awarded by the Politecnico di Milano.

In addition, students can participate in special exchange programmes (Alliance4Tech) or short mobility periods within specific networks, such as Athens and IDEA League.

It is possible to apply according to the times and procedures provided for in the competition notices published on the Politecnico di Milano website: the criteria and periods for application and selection are specified in the notices themselves. The available destinations are listed in the "Map of Partner Locations" available on the University website in the section dedicated to International Mobility - Study Abroad.

Students interested in further information can contact the University's International Mobility Unit, the office that supports students before, during and after their transfer period abroad.



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