Politecnico di Milano since 1863

The leading University in Italy for Architecture, Design and Engineering
Milano-Bovisa Campus
Other Campuses

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<th>COMO</th>
<th>LECCO</th>
<th>CREMONA</th>
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<td>PIACENZA</td>
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<td>MANTOVA</td>
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Research and Education at the Politecnico di Milano
Professor Giulio Natta receiving the Nobel Prize for his discovery in polymer science
Schools and Programmes

**Architecture**
1\(^{st}\) Environmental Architecture, Urban Planning
2\(^{nd}\) Architecture, Construction Architecture

**Design**
Communication, Fashion, Interior Design, Industrial Design

**Engineering**
1\(^{st}\) Environmental and Land Planning, Civil
2\(^{nd}\) Management, Biomedical, Physics, Math
3\(^{rd}\) Chemical, Electrical, Materials, Nuclear
4\(^{th}\) Aeronautical, Energy, Mechanical, Transportation
5\(^{th}\) Automation, Electronic, Computer Science, Telecommunication
6\(^{th}\) Building
Joint program of Politecnico di Milano and Politecnico di Torino

A school for young talents who want to develop their interdisciplinary capability for leading and promoting innovation in the fields of engineering, architecture and design (Master of Science programmes)

150 promising students each year

They receive, at the end of their studies, the ASP diploma and the laurea specialistica/magistrale from both institutions
Doctoral Programmes

- Rotary-wings aircrafts
- Interior Design
- Architecture, Urban Design, Conservation of Housing and Landscape
- Bioengineering
- Industrial Chemistry and Chemical Engineering
- Architectural Composition
- Preservation of Architectural Heritage
- Design
- Energy
- Physics
- Territorial Design and Government
- Aerospace Engineering
- Environmental and Infrastructure Engineering
- Materials Engineering
- Building Engineering
- Information Technology
- Electrical Engineering
- Management, Economics and Industrial Engineering
- Mechanical Engineering
- Structural Seismic and Geotechnical Engineering
- Mathematical Methods and Models in Engineering
- Urban and Architectural Design
- Design and Technologies Exploitation for the Cultural Heritage
- Radiation Science and Technology
- Spatial Planning and Urban Development
- Technology and Design for Environment and Building
The 16 Departments of the Politecnico di Milano

- Aerospace Engineering
- Architectural Projects
- Architecture and Planning
- Bioengineering
- Building and Environment Sciences and Technology
- Chemistry, Materials and Chemical Engineering “Giulio Natta”
- Electrical Engineering
- Electronics and Information

- Energy
- Hydraulic, Environmental and Surveying Engineering
- Industrial Design, Arts, Communication and Fashion
- Management, Economics and Industrial Engineering
- Mathematics “Francesco Brioschi”
- Mechanics
- Physics
- Structural Engineering
Large facilities, infrastructures, centres of excellence

**WIND TUNNEL**
One of the most advanced laboratories in the world for tests on aerospace system aerodynamics and wind effects structures

**L.a.S.T.**
Laboratory for the Safety of Transport
MOX
Mathematical modelling and scientific computing. Application to several academics and industrial realities

CUSBO
Centre for Ultrafast Science and Biomedical Optics. Seat of a Large Scale Facility, accessible to European researcher
Large facilities, infrastructures, centres of excellence

NEMAS
Nanoengineered Materials and Surfaces.
Centre of Excellence coordinated by four different Laboratories of the Politecnico Di Milano
The double degree programme with FER
We speak of **double degree project** when each of the two Institutions involved awards its own degree to the student who fulfilled the prescribed requirements.
Double Degrees Philosophy

- Deeper cultural experience

2 years abroad

- Deeper training in engineering

More workload than for a single-degree seeking student
Taking more advantages from differences than similarities in engineering education

A genuine opportunity to adapt to other countries
THE ITALIAN EDUCATIONAL SYSTEM

THE NEW SYSTEM
Italy has implemented the Bologna Declaration

13-year education

3rd level
DOTTORATO DI RICERCA
Ph.D.

2nd level
LAUREA MAGISTRALE
Master of Science

180 ECTS

1st level
LAUREA
Bachelor

120 ECTS

300 ECTS
There are 2 possible double degree schemes for FER students applying to Politecnico di Milano:
FER students can apply to the double degree at Politecnico di Milano in one of the following Masters programmes:

- MSc in Electrical Engineering – Milano, Leonardo Campus, courses taught in Italian
- MSc in Electronic Engineering – Milano, Leonardo Campus, courses taught in Italian
- MSc in Electronic Engineering (track in Electronic System Engineering) – Milano, Leonardo Campus, courses taught in English
- MSc in Telecommunications Engineering – Milano, Leonardo Campus, courses taught in English
- MSc in Automation Engineering – Milano, Leonardo Campus, courses taught in Italian
- MSc in Automation Engineering (track in Automation and Control Engineering) – Milano, Leonardo Campus, courses taught in English
- MSc in Computer Engineering – Milano, Leonardo Campus, courses taught in Italian
- MSc in Computer Engineering (track in Engineering of Computing Systems) – Milano, Leonardo Campus, courses taught in English
How to apply

Students interested to apply have to be selected first by the international office at FER. Pre-selected students should then:

- Complete the online application available at [www.polimi.it/english](http://www.polimi.it/english), double degrees, how to apply (The candidate will also have the possibility to: Prepare a preliminary Learning Agreement, Add an application for Accommodation)

- **Print the application, sign it, have it signed and sealed by the international office at FER and send it together with the following documents:**
  - A Transcript of Records of previous study results
  - Two passport sized photos
  - Statement of purpose (to be written in English or Italian – it must contain the Laura Specialistica and the Campus for which they are applying)
  - CV (to be written in English or Italian)
  - Any foreign language certificate (if available)
  - Official letter from the home university attesting that the student has been officially selected
  - Any other document that may be considered useful

All documents must be sent by home university officials directly to

Stodesk 8
Michela Gregori
Politecnico di Milano
Piazza L. da Vinci 32, Milano I-20133

The on-line application will open next May 3 and the deadline to apply is June 14.
In case of acceptance:

- Students will be required to pay tuition and fees only at their home institution. The only exception if the final graduation fee

- Students will be able to use all the campus services

- Students will be supported in finding housing. Housing and living expenses are the student’s responsibility

- No scholarships are available at Politecnico di Milano for double degree students
## Italian Language Courses for Exchange Students

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<tr>
<th>Level</th>
<th>Course</th>
<th>Duration</th>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; level</td>
<td>Beginners</td>
<td>60 hours</td>
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<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; level</td>
<td>Intermediate</td>
<td>40 hours</td>
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<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; level</td>
<td>Advanced</td>
<td>40 hours</td>
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### Summer Course
- September – Como Campus

### 1<sup>st</sup> Semester Course
- October/December – Milano Leonardo and Bovisa Campus

### 2<sup>nd</sup> Semester Course
- March/June – Milano Leonardo and Bovisa Campus
Contacts

For further information on the application procedure please contact

Studesk8

Progetti.doubledegrees@polimi.it