



SCUOLA LEONARDO
DA VINCI®-MILANO

**Start your academic
pathway in Italy.**

UNIVERSITY PREPARATION COURSES

2021 ADMISSION TEST IN ITALIAN UNIVERSITIES AND ACADEMIES



ON-LINE
LEARNING
SCUOLA LEONARDO DA VINCI



ON-SITE
LEARNING
SCUOLA LEONARDO DA VINCI

> **Milan** 2nd August - 27th August
4 weeks **intensive** program (140 lessons)

On-line

On-site

> **Milan** 12th April - 2nd July
12 weeks **extensive** program (140 lessons)

On-line

Contact & Registration

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Talk to our Academic Advisor

didattica_milan@scuolaleonardo.com

🌐 <https://zoom.us/j/92641909698>

School address & Info

Corso di Porta Vigentina 35

ITALY - Milan 20122

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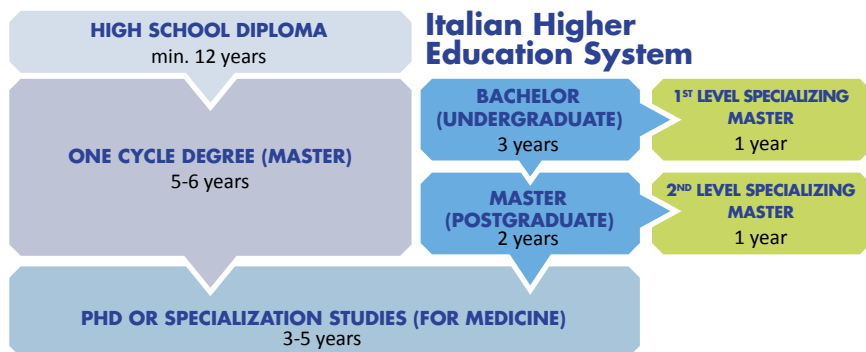


Entrance to many Italian universities requires passing a test. The entry test is the main tool in selecting new students for limited access programs (**Medicine, Dentistry, Architecture, Engineering**) or to programs in which the number of students is determined by a national basis.

Scuola Leonardo da Vinci offers preparation courses for the entrance exams of various departments both in English and in Italian. Participants can both improve their knowledge in specific areas covered by the tests as well as develop specialized language competence.

Program requirements

B1 or B2 Italian / English language knowledge depending on the major subject of the studies.



*To access BA programs in Italy a 12 year High School Diploma is required

Top rated universities in Italy QS Ranking 2021

- Politecnico di Milano
- Università di Bologna
- Università di Roma "La Sapienza"
- Università di Padova
- **Università degli Studi di Milano**
- Politecnico di Torino
- Università di Pisa
- Università di Napoli "Federico II"
- **Università "Vita, Salute San Raffaele" Milano**
- Università di Trento

* 3 out of 10 are located in Milan

* 7 out of 10 are located in Northern Italy

* **Politecnico of Milan** scored 6th on a **world wide** QS ranking list for top Art & Design Universities.

UNIVERSITY PREPARATION COURSES

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Course Contents:

POLITECNICO PREPARATION COURSES

Engineering (English or Italian)

POLITECNICO MILANO, TORINO, ETC.

Mathematics and Statistics (functions; set theory and algebra; geometry)

Engineering (civil engineering; environmental engineering; engineering management; materials engineering)

Physics (fluid mechanics; dynamics; kinematics; thermology and thermodynamics; electrostatics and electrodynamics; measurements; optics and acoustics)

Chemistry (physical chemistry; electrochemistry; inorganic chemistry; organic chemistry; gas laws)

Architecture (English or Italian)

POLITECNICO MILANO, TORINO, ETC.

History of Art and Architecture

Technical Design

Mathematics (functions; set theory and algebra; geometry)

Physics (fluid mechanics; dynamics; kinematics; thermology and thermodynamics; electrostatics and electrodynamics; measurements; optics and acoustics)

Design / Interior, Fashion, Product

(Italian)

POLITECNICO MILANO, TORINO, ETC.

General Culture

Geometry and representation

History of Art and Architecture

Logical Thinking

**30 items of the test are related to English language knowledge skills therefore a B1 level of English is recommended*

OTHER PROGRAMS

Medicine and Dentistry

Physics (fluid mechanics; dynamics; kinematics; thermology and thermodynamics; electrostatics and electrodynamics; measurements; optics and acoustics)

Mathematics (functions; set theory and algebra; geometry)

Chemistry (physical chemistry; electrochemistry; inorganic chemistry; organic chemistry; gas laws)

Biology (cells; organic chemistry; bioenergetics; bacteria, viruses, fungi and major pathogens; reproduction and heredity; anatomy and physiology of animals and humans; food chains; biogeochemical cycles)

Economic and Business (English)

BOCCONI TEST, SAT TEST

Reading comprehension (developing comprehension skills on complex text items)

Numerical reasoning (interpret and select number sequences, numerical analysis)

Logical thinking (procedures and solution to problems, selection of specific information, recognizing relationships of similarity and difference)

Mathematics and Statistics (numerical sets and algebra, functions, econometrics)

**Preparation programs run throughout the year; please inquire for specific dates*

English language B1 preparation program

For those students that need to fill up the "English language gap" or obtain a language certificate (**PET**, **TOEFL**), the school offers intensive/extensive B1 courses.

**Preparation programs run throughout the year; please inquire for specific dates*



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