



SCUOLA LEONARDO
DA VINCI® - **MILANO**



IMAT

INTERNATIONAL MEDICAL ADMISSIONS TEST



ON-LINE
LEARNING
SCUOLA LEONARDO DA VINCI®



ON-SITE
LEARNING
SCUOLA LEONARDO DA VINCI®

EXTENSIVE COURSE

On-line

10 WEEKS, 140 LESSONS, 45' PER LESSON

> **Milan** 18th April 2022 - 24th June 2022

INTENSIVE COURSE

On-site

On-line

3 WEEKS, 140 LESSONS, 45' PER LESSON

> **Milan** 4th July 2022 - 22nd July 2022

> **Milan** 1st August 2022 - 19th August 2022

What is IMAT?

The IMAT (International Medical Admissions Test) is a test for the admission into the degree courses in Medicine taught in English. These courses are offered in **more than 12 public medical Universities** in Italy such as **Milan, Pavia, Bari, Rome**, the Second University of **Naples** and others.

Scuola Leonardo da Vinci in Milan organizes a preparation course specially dedicated to the IMAT exam, which helps students to acquire specific scientific competence and improve their logical reasoning. The course aims to prepare students in the various sections that make up the test: a) logical reasoning and general culture; b) specific knowledge in the areas of science.

Students will learn how to dominate the test structure and will refine their capabilities by working on the past exam tests.

Logical Reasoning - General Culture

In the logical reasoning portion, the objectives are to aid students in developing the following: the ability to choose valid information in order to discover methods and procedures to arrive at a solution; summarize and draw conclusions; identify consequences starting from a series of hypotheses; recognize similarities and differences. Logical, linguistic and numerical questions are all proposed. The general culture section focuses on practical admission test questions analysis dealing with relevant knowledge of contemporary world history and the ability to analyse literary, historical-philosophical, social and institutional texts and essays.

Scientific Content

This section aims to provide expertise in areas covered by the tests. At the same time however, it pays particular attention to the specialized technical vocabulary. Precise knowledge of the specialized vocabulary will be an essential tool during the academic path.

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)

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

Mathematics (functions; set theory and algebra; geometry)

* Each lesson 45'

Program requirements

> English language Level B1 completed (IELTS 5.0 or above)

(for students that don't have the minimum language level, the school organizes the additional B1 English language program)

For information and enrollment

milan@scuolaleonardo.com

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Scuola Leonardo da Vinci - Corso di Porta Vigentina, 35 Milan

www.scuolaleonardo.com www.leonardo-milan.com



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