



SCUOLA LEONARDO
DA VINCI® - ROMA

Let us be your
Learning Guide

ITALIAN UNIVERSITIES 2025 SELECTIVE ENTRANCE TEST PREPARATORY COURSES

UNIVERSITY CHOICE COUNSELING

TUTORING

> **Rome** January 13th, 2025 - May 30th, 2025

20-week extensive course Mondays through Saturday (400 lessons)

> **Rome** June 23th, 2025 - July 18th, 2025

4-week intensive course (140 lessons)

For more information and enrollment

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Our School:

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ITALIAN UNIVERSITIES

2025 SELECTIVE ENTRANCE TEST PREPARATORY COURSES

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20-week extensive course (400 lessons)

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4-week intensive course (140 lessons)



Exclusively in Rome from January 13th, 2025 - May 30th, 2025 students have the option to combine the extensive course and preparatory course for the B1 and B2 levels of the CILS language certification exam. Students are able to retake the TOLC exam multiple times within the same calendar year (once every month) both online and in person from February to November 2025. Only the TOLC-MED and TOLC-VET exams will be held in person for a February 2025 session and April 2025 session). For further information including course descriptions and examination dates, please contact the school secretary.

Why to take this Foundation Preparation Year (FPY)?

Admission to many Italian universities requires the successful completion of an entry exam. There are many different exams and by following this Foundation Year Programme, you can prepare not only for one exam but for many!

There is a different entrance exam required for Medicine and a different exam required for Engineering, or Biology, Pharmacy, Psychology, or for studying a Health Profession (Logotherapy, Occupational Therapy, Physiotherapy, Podiatry, Nursing, etc.). The important fact with our foundation preparation, is:

You can prepare for many exams, in the SAME Foundation year with our School, Leonardo Da Vinci.

By the end of this foundation year, you will be able to sit for MANY exams and many tests, not just for one program!

STUDYING WITH US YOU INCREASE YOUR CHANCES IN GETTING ACCEPTED!

These entry exams are one of the main tools used by Italian universities to select new students for limited access programs (such as Architecture, Engineering, Medicine/ Dentistry/ Veterinary and others), or for programs where admission numbers are determined on a national basis.

In many other departments (like Mathematics, Statistics, Chemistry, Biology, Law, Economics and Business

Studies, Psychology, Languages, Literature, Philosophy, Health Professions), entry tests are still required and are used to determine and identify gaps within students' preexisting knowledge.

Note: For the year 2025/2026, there are plans to revise the admission procedures for Single Cycle Programs in Medicine, Dentistry and Veterinary Medicine (TBC).

Our preparation courses

Scuola Leonardo da Vinci® offers preparatory courses for the **TOLC**, **TIL (TIL-A and TIL-I)** and **TEST ARCHED** entrance exams. Participants can simultaneously improve their specialized knowledge as well as practice logical reasoning. The course is organized as follows:

- logical reasoning and reading comprehension;
- general cultural knowledge;
- specialized knowledge related to the degree course in question.

The courses are structured to prepare students for both local university tests and centralized TOLC-CISIA tests: Engineering (TOLC-I), Economics (TOLC-E), Science (TOLC-S), Physics (TOLC-F), Biology (TOLC-B), Agriculture and Veterinary (TOLCAV), Humanities (TOLC-SU).

The TOLC is an online test used in many Italian universities to evaluate students' preexisting knowledge prior to enrollment to help determine a student's eventual university path. In some degree courses with restricted access (limited number of placements), the TOLC exam is also used as an admission test.

The TOLC can be carried out in any university that uses it, even if the university in question is not that in which a student wishes to enroll. The test takes place several times throughout the year and students are allowed to sit for the TOLC test every 30 days. So, you have the chance to sit for the TOLC test for 2-3 or even more times. Only the TOLC test in which you achieved your highest grade will count.

Entry Requirement for being admitted to the Foundation Preparation Year (FPY)

Fees Include

Lessons, textbooks and teaching material, accommodation placement service, full orientation upon arrival, placement test, academic counselling for Italian universities, assistance in enrolling on the admission tests, bureaucratic procedures, contacts with universities' International student offices, certificates.

It does not include any registration fee to take the tests.

This amount can be paid in TWO instalments. I am not sure if you wish to include this information

For more information please contact us.

Our Instructors

All courses are taught in Italian by university researchers and professionals with several years of experience preparing students for university admission tests. This faculty is trained to administer both theoretical lessons and practical exercises that is informed both by their systematic understanding of tests from past years as well as their own in-depth study of the specialized topics that make up the exam itself.

Outcomes

By the time students complete our course, they will have full competency in the contents required by the department of their choosing. At the same time, students will also have developed the test-taking skills necessary to complete the selective exam to the best of their ability.

Students will be able to sit for many different tests by taking this foundation year, for the courses they choose.

For example, a student can prepare for Medicine/Dentistry to sit for it, but to also sit for other tests like: the TOLC-B (Biology), the TOLC-F (Pharmacy), the test for Health Professions (i.e. Nursing), TOLC-I (Engineering), etc.

Tutoring

Our students will also have access to a tutor there to assist students throughout the entire admission process from narrowing down which universities to apply to, registering for entrance exams, and ultimately enrolling in the student's chosen university.

Pre-Requisites

To participate in the course, students are required to have good Italian/English language skills (minimum level B1/B2 of the Common European Framework of Reference for Languages).

Therefore, it is advisable, if a student does not already possess the required B1 or B2 level of Italian, to complete a language course BEFORE enrolling in the preparatory course, which starts in January 2025.

Why Study at "La Sapienza" In Rome

2024 has been a year of great success for Sapienza University, as reflected by the university's elevated position in several international rankings. The QS 2024 rankings by subject, published on April 10, 2024, Sapienza performed very well worldwide confirming its world leadership in Classics and Ancient History with a score of 99.5, higher than last year, and its national leadership in two subject areas: "Arts & Humanities" and "Natural Sciences", at 44th and 61st worldwide respectively. This year's ranking, published today, analyzes 55 subjects grouped into 5 broad subject areas. Sapienza is the most represented Italian university in the ranking with 47 subjects (last year it was 43), spread over all 5 areas, for a total of 52 points.

New for Sapienza in the 2024 ranking is Data Science and Artificial Intelligence, in which our University is ranked 46th in the world and first in the country. Dentistry returns to the rankings this year, ranking in the 51-100 range and first in Italy, while Anatomy & Physiology also ranks first in Italy compared to last year.

Sapienza is ranked among the top 50 universities in the world in 8 disciplines and the top 100 in the world in 25 disciplines (21 last year). The 8 top 50 subjects are Classics and Ancient History; Archaeology; Art History; Physics and Astronomy; Library and Information Science; History; Law; Data Science and Artificial Intelligence.

There are three primary reasons for choosing to study with "La Sapienza" University of Rome:

1. It is the international academic community's most highly esteemed Italian university according to several international ranking agencies.
2. It is the world's top university in Classical Studies.
3. It is Europe's largest university with over 115,000 students enrolled.

How much does it cost to study in Rome

According to studies conducted by Money Farm magazine on expected student expenses abroad, moving to Rome for study reasons can produce savings of approximately 15% compared with other prestigious universities in mid- to large-size Italian cities. Indeed the costs of rent, bills, tuition fees, books, and public transport as a university student in Rome come out to an average of only 8,000 euros annually.

The best Universities In Southern Italy

1. The University of Naples "L'Orientale" is a strong reference point for Oriental Language students. This university's prestige draws students from around Italy to study in the capital of Italy's Campania region, Naples.

2. The University of Macerata, located in the Marche region, is one of the oldest universities in Italy with a foundation date of 1290. It now hosts one of the best law school faculties in all of Italy.

3. The University of Salerno, according to the Italian news agency, "Il Sole 24 ore," ranks fifteenth among all Italian universities and first within Central/Southern Italy.

4. Chieti-Pescara is among the top 15 universities ranked according to new enrollments of first year exchange students, many of whom have been drawn by the school's well-trained university faculty.

5. From an academic standpoint, the University of Foggia is steadily and exponentially growing. The city welcomes an ever-increasing number of off-site students interested in its strong teaching and the many opportunities for professional growth at this Puglia-region university.

COURSE CONTENTS

1. LOGICAL REASONING AND GENERAL KNOWLEDGE

1.1 Logical reasoning and reading comprehension:

During the course we work on materials derived from admission tests of previous years. The lessons aim to develop and exercise the ability to synthesize and reason from texts and, at the same time, the ability to identify assumptions and identify trials and errors in logical processes. Students practice on three different types of tasks: selecting specific information in order to find a solution to a posed problem; finding the best and most effective ways to reach a solution; and recognizing relationships of similarity and difference, numerical sequences, relations between sets of elements, semantic relationships at word level.

1.2 General cultural knowledge

In this section, lessons focus on the main topics concerning modern and contemporary history, literary culture and international institutions.

2. SPECIFIC SCIENTIFIC KNOWLEDGE

In the lessons dedicated to specific scientific sectors, in addition to the contents, particular attention is paid to the specialized lexicon, since it is essential to have a good knowledge of such vocabulary in order to best face the exam section dedicated to these topics.

2.1. DEPARTMENTS WITH COMPETITIVE (LIMITED ACCESS) PROGRAMS

a) 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)

b) Architecture

History of Art and Architecture

Industrial Design

Technical Design

Mathematics (functions; set theory and algebra; geometry)

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

2.2. OTHER DEPARTMENTS

a) Engineering – TOLC-I

Mathematics (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)

English

b) Economics – TOLC-E

Mathematics (functions; set theory and algebra; geometry)

Economics (business economics; political economics; science of finance; international economics)

Law (private law; public law)

English

c) Science – TOLC-S

Mathematics (functions; set theory and algebra; geometry)

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)

English

d) Biology – TOLC-B

Mathematics (functions; set theory and algebra; geometry)

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)

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)

English

e) Physics – TOLC-F

Mathematics (functions; set theory and algebra; geometry)

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)

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)

English

f) Humanities – TOLC-SU

History

Literary culture

Artistic culture

English

g) Agriculture and Veterinary – TOLC-AV

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)

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)

English

h) Law

Law (private law; public law; constitutional law)

Economics (political economics; history)

i) Psychology – TOLC-PSI

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)

Mathematics (functions; set theory and algebra; geometry)

l) Health Professions

Mathematics (functions; set theory and algebra; geometry)

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

Practice and Health Care Regulation

HOW TO APPLY TO ITALIAN UNIVERSITY FOR INTERNATIONAL STUDENTS TIMELINE AND PROCEDURES

<https://www.studiare-in-italia.it/studentistranieri/>