



SCUOLA LEONARDO
DA VINCI® - ROMA



SCUOLA LEONARDO
DA VINCI® - FIRENZE



Let us be your
Learning Guide

ITALIAN UNIVERSITIES 2024 SELECTIVE ENTRANCE TEST PREPARATORY COURSES

UNIVERSITY CHOICE COUNSELING

TUTORING

> **Rome** October 30, 2023 - June 28, 2024

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

> **Rome, Florence** March 4 - March 29, 2024

4-week intensive course (140 lessons)

For more information and enrollment

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ITALIAN UNIVERSITIES

2024 SELECTIVE ENTRANCE TEST PREPARATORY COURSES

> **Rome**

October 30, 2023 - June 28, 2024
20-week extensive course (400 lessons)

> **Rome, Florence**

March 4 - March 29, 2024
4-week intensive course (140 lessons)



Exclusively in Rome from October 30th, 2023 - June 28th, 2024, 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 2024. Only the TOLC-MED and TOLC-VET exams will be held in person for a February 2024 session and April 2024 session). For further information including course descriptions and examination dates, please contact the school secretary.

Italian University Entry Exam

Admission to many Italian universities requires the successful completion of an entry exam. These entry exams are one of the main tools used by Italian universities to select new students for limited access programs (such as Medicine, Dentistry, Architecture, Engineering) or for programs where admission numbers are determined on a national basis. In many other departments (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.

Our preparation courses

Scuola Leonardo da Vinci® offers preparatory courses for the **TOLC** 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.

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.

Our Instructors

All courses are taught, in Italian or in English, 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.

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, it is therefore advisable to complete a language course before enrolling in the preparatory course.

Why Study at “La Sapienza” In Rome

2023 has been a year of great success for Sapienza University, as reflected by the university’s elevated position in several international rankings. The QS 2023 rankings by subject, published on March 22, 2023, once again awarded Sapienza 1st place worldwide in Classics & Ancient History, 1st place in Italy in the subject areas “Arts & Humanities” and “Natural Sciences”, which were each also respectively ranked 41st and 44th worldwide. Sapienza is the only Italian university to boast first place at the international level in the QS 2023 rankings by subject.

The QS World University Rankings, published on June 27, 2023, also rewarded Sapienza 134th in the world, which is the best result ever achieved by Sapienza University in this ranking and corresponds to 2nd place overall in Italy after the Politecnico di Milano ranked 123rd worldwide. This puts Sapienza at the top of the general universities, followed by the University of Bologna in third place (154th).

Sapienza was also confirmed as the top Italian university in the Cwur (Center for World University Rankings) released on 10 May 2023, which ranked Sapienza as 116th globally. 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.

Why study at the University of Florence

1. The University of Florence represents one of the largest and most productive systems of Italian public research.
2. The University of Florence occupies an excellent position in national and international evaluations.
3. Currently, with its 21 departments the University of Florence has developed a series of tools to promote research-based innovation across its 141 degree courses (first level, second level, and single cycle), 13 of which are in English and are respectively organized across 10 Schools.
4. In 1999, the University of Florence was recognized as a “Jean Monnet European Center of Excellence.”
5. The international dimension of the University of Florence is reflected in the more than three thousand foreign students enrolled.

The enrollment of over three thousand foreign exchange

students—of which approximately one thousand are European students completing an Erasmus exchange—has fostered a rich, international atmosphere for study.

How much does it cost to study in Florence?

The city of Florence is without a doubt incredibly stimulating from an educational perspective. It is also fortunately easy to get into the central areas of Florence from its surrounding suburbs. In Florence, you will find yourself immersed in the historic heart of the Italian High Renaissance. The average costs of rent, utility bills, tuition fees, books, and public transportation for those studying in Florence is approximately 9,000 euros a year.

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

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/>