

FRAMEWORK OF THE TESTS

A - Test locations

The written tests for first-year admission to the Faculty of Mathematical and Natural Sciences, will take place in Pisa, at the Polo Didattico in Porta Nuova, Via Padre Bruno Fedi.

The written tests for the admission to the Master degree in "Neuroscience" and in "Materials and Nanotechnology" will take place in Pisa, at the main building of the SNS (Palazzo della Carovana, Piazza dei Cavalieri 7).

The written tests for first-year admission to the Faculty of Human Sciences will take place in Pisa, at the Polo Didattico Fibonacci, Largo Bruno Pontecorvo no. 3

The oral examinations will take place in Pisa, at the main building of the SNS (Palazzo della Carovana, Piazza dei Cavalieri 7)

B - Examination Schedule

The written tests for the Faculty of Human Sciences, for both admissions to the first and fourth year, will take place **from Monday, 4 September 2017**, beginning at 8:30 A.M. each day according to the following schedule:

Monday, 4 September 2017	<i>Latin</i>
Tuesday, 5 September 2017	<i>Greek</i>
Wednesday, 6 September 2017	<i>Italian Literature</i>
Thursday, 7 September 2017	<i>History</i>
Friday, 8 September 2017	<i>Philosophy</i>
Saturday, 9 September 2017	<i>History of Art</i>

The written test in History of Art will be postponed on Monday 11 September 2017 for the candidates who asked to enjoy the Sabbatical rest (Law no. 101 dated 8 March 1989)

The dates of the written tests for *Archaeology*, *Linguistics*, *Paleography* and *Ancient History* will be scheduled at a later date, and depending on the number of applications received, will be held between **4 and 8 September 2017 or on September 12, 2017**. Candidates will be notified of the dates by 22 August 2017.

The written tests for the Faculty of Mathematical and Natural Sciences will take place **from Wednesday, 30 August 2017**, beginning at 8:30 am. each day, according to the following schedule:

For admission to the first year:

Wednesday, 30 August 2017	<i>Mathematics; Mathematics and Physics</i> (combined test)
Thursday, 31 August 2017	<i>Physics; Chemistry; Biological Sciences</i>

For admission to the fourth year:

Wednesday, 30 August 2017	<i>Mathematical Methods for Physics, Classical Mechanics and Electromagnetism; Mathematical Analysis; General and inorganic Chemistry; Molecular biology</i>
Thursday, 31 August 2017	<i>Thermodynamics, Statistical Mechanics and Quantum Mechanics; Languages and Semantics; Geometry and Algebra; Physical Chemistry; Neurobiology</i>

For admission to Master degree in “Neuroscience”:

Wednesday, 30 August 2017 *Molecular biology*
Thursday, 31 August 2017 *Neurobiology*

For admission to Master degree in “Materials and Nanotechnology”:

(at the main seat of the Scuola Normale, Piazza dei Cavalieri 7, Pisa)

Monday, 4 September 2017 *General chemistry*
Tuesday, 5 September 2017 *Classical Physics*

The oral tests for the Faculty of Human Sciences will take place **from Monday 18 September 2017**, beginning every day at 9:00 a.m..

The oral tests for the Faculty of Mathematical and Natural Sciences will take place **from Monday 11 September 2017** beginning every day at 9:00 am.

C – Examinations

C.1 - Tests for admission to the first year of the Faculty of Human Sciences

In order to be admitted to the first year, candidates must sit three written tests and three oral tests, chosen from the following disciplines: *Philosophy; Greek; Latin; Italian Literature; History; History of Art*.

The *Greek* written test consists of a translation from Greek; the *Latin* written test consists of a translation from Latin. Dictionaries are allowed in both tests. The written tests for other disciplines consist in specific tests of academic competence.

The candidate can sit the oral test in the same disciplines chosen for the written tests, or in different disciplines; In any case, it is in the Committee's power to request clarifications from candidates about any written test.

C.2 - Tests for admission to the fourth year of the Faculty of Human Sciences

In order to be admitted to the fourth year, candidates must sit two written tests and two oral tests, usually chosen by the candidate from the five subject areas of the Faculty, listed below:

Written tests:

- **Ancient History and Classical Philology**
Two different tests, from the choice of *Greek, Latin or Ancient History*
- **Modern literature and philology, Linguistics**
First test, from the choice of *Italian Literature or Linguistics*
Second test, from the choice of:
 - *Archeology*
 - *Philosophy*
 - *Greek*
 - *Latin*
 - *Paleography*
 - *History*
 - *Ancient History*
 - *History of Art*
 - *Italian Literature* (only if the candidate took the first written test in Linguistics)
 - *Linguistics* (only if the candidate took the first written test in Italian Literature)
- **History of Art and Archaeology**

First test, from the choice of *Archaeology* or *History of Art*

Second test, from the choice of:

- *Philosophy*
- *Greek*
- *Latin*
- *Italian Literature*
- *Linguistics*
- *Paleography*
- *History*
- *Ancient History*
- *History of Art* (only if the candidate took the first written test in *Archaeology*)

- **History and Paleography**

First test, *History*

Second test, from the choice of:

- *Archeology*
- *Philosophy*
- *Greek*
- *Latin*
- *Italian Literature*
- *Linguistics*
- *Paleography*
- *Ancient History*
- *History of Art*

- **Philosophy**

First test, *Philosophy*

Second test, from the choice of:

- *Archeology*
- *Greek*
- *Latin*
- *Italian Literature*
- *Linguistics*
- *Paleography*
- *History*
- *Ancient History*
- *History of Art*

Oral tests

The candidates can take the oral tests in the same subjects in which they sat the written tests, or in other disciplines part of the relative disciplinary area, except in instances outlined in the following paragraphs. In each case, it is in the selection board's power request clarifications from candidates about any written test.

For the disciplinary area of Ancient History and Classical Philology, candidates who choose to take the written tests in *Ancient History* and *Latin* must take an oral test in *Greek*. Candidates who choose to take the written tests in *Ancient History* and *Greek*, must take an oral test in *Latin*.

For the disciplinary area of *History of Art and Archaeology*, candidates who choose to take the first written test in *Archaeology* are advised to take the oral test in *Greek* or *Latin*.

C.3 - Tests for admission to the first year of the Faculty of Mathematical and Natural Sciences

In order to be admitted to the first year, candidates must take the tests listed below, depending on the degree course at the University of Pisa specified in their application:

- **courses in Physics, Computer Science, Mathematics:**

written tests: a test in *Mathematics* and a test in *Physics*;

oral tests: a test in *Mathematics* and a test in *Physics*

- **courses in Chemistry, Industrial and Environmental Chemistry, Geological Sciences, extended length degree course in Chemistry and Pharmaceutical Technologies**

written tests: a test in *Chemistry* and a test in *Mathematics and Physics* (combined test);

oral tests: a test in *Chemistry* and a test selected by the candidate among *Biology, Physics* and *Mathematics*

- **courses in Biotechnologies, Biological Sciences, Natural and Environmental Sciences:**

written tests: a test in *Biology* and a test in *Mathematics and Physics* (combined test);

oral tests: a test in *Biology* and a test selected by the candidate among *Chemistry, Physics* and *Mathematics*

C.4 - Tests for admission to the fourth year of the Faculty of Mathematical and Natural Sciences

For admission to the fourth year, candidates must take two tests among those listed below, depending on the degree course they are enrolled on at the University of Pisa specified in their application:

- **second level course in Physics:**

written tests: a test in *Mathematical Methods for Physics, Classical Mechanics and Electromagnetism* and a test in *Thermodynamics, Statistical Mechanics and Quantum Mechanics*;

oral tests: a test in *Classical Physics* and a test in *Quantum Mechanic*

- **second level course in Mathematics:**

written tests: a test in *Mathematical Analysis* and a test in *Geometry and Algebra*;

oral tests: a test in *Mathematical Analysis* and a test in *Geometry and Algebra*;

- **second level courses in Computer Science and Computer Science and Networking :**

written tests: a test in *Mathematical Analysis* and a test in *Languages and Semantics*;

oral tests: a test in *Languages and Semantics* and a test in *Algorithms and Complexity*;

- **second level courses in Chemistry, Industrial Chemistry, Geophysics of Exploration and Applied, Geological Sciences and Technologies and Environmental Sciences**

written tests: a test in *General and inorganic Chemistry* and a test in *Physical Chemistry*;

oral tests: a test in *Physical Chemistry* and a test selected by the candidate between *Organic Chemistry, Inorganic Chemistry* and *Molecular Biology*;

- **second level courses in Applied Biology to Bio-medical Sciences, Marine Biology, Cellular and Molecular Biology, Molecular Biotechnologies and Conservation and Evolution:**

written tests: a test in *Molecular Biology*, and a test in *Neurobiology*;

oral tests: a test in *Neurobiology* and a test selected by the candidate between in *Cellular Physiology and Biology* and *General Chemistry with elements of inorganic Chemistry*.

The written tests consist of one or more exercises or a dissertation.

The written and the oral tests for the admission to the master degrees in “Neuroscience” and in “Materials and Nanotechnology” must be conducted in English.

Preparation programs and a collection of previous years’ tests are available online at:

http://www.sns.it/didattica/ammissione_ordinario/