

TYPE, SCHEDULE AND PLACE OF EXAMSEXAMS

The purpose of the exams is to evaluate both the candidates' preparation and their aptitude for study and research.

The time allotted for each written exam is six hours.

FACULTY OF ARTS

A. Exams for the competition **for admission to the first and fourth years** of the Faculty of Arts are given in the following subject areas: Philosophy, Greek, Latin, Italian Literature, History, and Art History.

B. Candidates to the *first year* will take *three written and three oral exams* chosen by the candidate from among the above-mentioned areas. (The written exams in Latin and Greek consist in a translation from Latin and Greek. The use of a dictionary is allowed for both exams).

Candidates are reminded that the Italian Literature exams are facultative and in alternative to exams in other fields, and in particular they are reminded that the written exam of Italian Literature is not a generic essay exam but rather a specific exam measuring academic competence, i.e., knowledge of Italian Literature. Consequently, the choice to sit this exam should be based on an adequate knowledge of the subject matter, verifiable by studying the themes assigned in past competitions and considering one's ability to pass them.

C. Candidates for the *fourth year*, will take *two written and two oral exams*.

Candidates must indicate the subject area they intend to refer to, chosen from among the five offered by the Faculty of Arts, and they will be required to sit:

- 1) *Ancient History and Classical Philology* (cf. second cycle (specialization) degrees "LM-15 Classical Studies", and for Antiquities only "LM-36 Languages and Literatures of Africa and Asia"): the two written exams must be chosen from Latin, Greek and Ancient History;
- 2) *Italian Literature and Linguistics* (cf. second cycle (specialization) degrees "LM-14 Modern Philology", "LM-39 Linguistics", "LM-65 Cinema, Theatre and Multi Media Production", "LM-36 Languages and Literatures of Africa and Asia"); one mandatory written exam in Italian Literature (or Linguistics) and the other of the candidate's preference chosen from the remaining five subject areas listed at pt. A above (or from among all six if the Linguistics exam is chosen);
- 3) *Art History and Archaeology* (cf. second cycle (specialization) degrees "LM-2 Archaeology", "LM-89 Art History"); one mandatory written exam in Art History (or Archaeology) and the other of the candidate's preference chosen from the remaining five subject areas listed at pt. A above (or from among all six if the Archaeology exam is chosen);
- 4) *History and Palaeography* (cf. second cycle (specialization) degrees "LM-5 Book, Library and Archival Sciences", "LM-84 History", "LM-80 Geography"); one mandatory written exam in History (or Palaeography) and the other of the candidate's preference chosen from the remaining five subject areas listed at pt. A above (or from among all six if the Palaeography exam is chosen);
- 5) *Philosophy* (cf. second cycle (specialization) degrees "LM-78S Philosophy"): one mandatory written exam in Philosophy and the other of the candidate's preference chosen from the remaining five subject areas listed at pt. A above.

Eliminato: .

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D. The candidate may take the oral exams in disciplines other than the ones chosen for the written exams, with the exception of what is indicated below for Latin and Greek for candidates to the fourth year; however, the Committee reserves the right to ask questions regarding the written exams.

E. For candidates to the fourth year who take the written exam in Latin, the choice of Greek for one of the two oral exams is mandatory; if instead the candidate sits the written exam in Greek then Latin is obligatory for one of the two oral exams.

F. The candidate will indicate his/her choices on the competition application form, keeping in mind that if no specific disciplines for the oral exams are given they will remain the same as for the written exams, with the exclusion of the mandatory choices.

G. Past exams and self-evaluation exercises for Greek language, literature and culture and for Latin language and literature and Roman history are available on the Scuola Normale website: www.sns.it at the link "Admissions and Orientation". It is a good idea to check the site periodically as it may be updated (even if not substantially).

FACULTY OF SCIENCES

A. The competition exams for admission to the **first year** of the Faculty of Sciences are the following:

- a) *degree programs in Physics, Computer Science and Mathematics:*
a written exam in math and a written exam in physics; an oral exam in math and an oral exam in physics;
- b) *degree programs in Chemistry, Chemistry for Industry and the Environment, and Geology:*
a written exam in chemistry; a written in exam in either math or physics, according to the candidate's choice; oral exams in chemistry, math, and physics;
- c) *degree programs in Molecular Biology, Ecology and Biodiversity, and Natural Sciences:*
a written exam in biology; a written exam in math, physics, or chemistry, as the candidate prefers; an oral exam in math; an oral exam in biology; an oral exam in physics or chemistry as the candidate prefers.

The written exams consist in one or more problem sets and possibly an essay.

B. The competition exams for admission to the **fourth year** of the Faculty of Sciences are the following:

- d) *second cycle (specialization) degree programs in Physics and Applied Physics:*
a written exam in classical physics; a written exam in mathematical analysis; an oral exam in classical physics; an oral exam in quantum mechanics;
- e) *second cycle (specialization) degree programs in "Mathematics":*

a written exam in mathematical analysis; a written exam in geometry and algebra; an oral exam in mathematical analysis; an oral exam in geometry and algebra;

f) *second cycle (specialization) degree programs in Computer Science and Information Technologies:*

a written exam in mathematical analysis; a written exam in programming languages and semantics; an oral exam in programming languages and semantics; an oral exam in algorithms and complexities;

g) *second cycle (specialization) degree programs in Chemistry, Industrial Chemistry, Geology, Natural Resource Management, and Environmental Science and Technologies:*

a written exam in general and inorganic chemistry; a written exam in one of organic chemistry, physical chemistry or geology as the candidate prefers; an oral exam in general and inorganic chemistry, an oral exam in one of organic chemistry, physical chemistry or geology as the candidate prefers.

h) *second cycle (specialization) degree programs in Biomolecular Science and Technologies, Physiopathology, Marine Biology, Neurobiology:*

a written exam in biology and molecular genetics, a written exam in general physiology and neurophysiology, an oral exam in biology and molecular genetics; an oral exam in general physiology and neurophysiology.

i) *second cycle (specialization) degree programs in Materials Science:*

the candidate has to choose between the exams at point d) in their entirety or at point g) in their entirety.

The written exams consist in one or more problem sets and possibly an essay.

C. Candidates' working knowledge of English will also be verified during the oral exam.

D. Past exams are available on the Scuola Normale website: www.sns.it at the link "Admissions and Orientation".

EXAM SCHEDULE AND LOCATIONS

FACULTY OF ARTS

Exam location: Polo Didattico "L. Fibonacci" – Largo Bruno Pontecorvo, 2 (previously Via F. Buonarroti, 4) – Pisa

Written exams begin: Monday, August 31, 2009, 8:30 a.m.

Latin	31 August 2009
Greek	01 September 2009
Italian	02 September 2009
History	03 September 2009
Philosophy	04 September 2009
Art History	05 September 2009(*)

(* The written exam in Art History scheduled for Saturday, September 5 will be postponed to Monday, September 7, 2009 if a candidate signed up for the exam intends to observe the Sabbath and has declared such intention – on the application - as provided for in art. 4 paragraph III of the law of March 8, 1989 no. 101 “Norms for the regulation of the relationship between the State and the Union of Jewish Italian Communities.” All participants will be notified of such a postponement and the updated location of the exam.

FACULTY OF SCIENCES

Exam location: Polo Didattico “L. Fibonacci” – Largo Bruno Pontecorvo, 2 (formerly Via F. Buonarroti, 4) – Pisa

Written exams begin: Thursday, August 27, 2009, 8:30a.m.

-August 27, 2009 8:30a.m.

Admission to the first year:

- Required exam in math for degree programs under a);
- Exam in math and physics as chosen by the candidate for degree programs under b);
- Exam in math, physics, and chemistry as chosen by the candidate for degree programs under c).

Admission to the fourth year:

- Required exam in mathematical analysis for degree programs under d), e) and f);
- Exam in organic chemistry, physical chemistry, or geology as chosen by the candidate for degree programs under g);
- Required exam in general physiology and neurophysiology for degree programs under h).

-August 28, 2009 8:30a.m.

Admission to the first year:

- Required exam in physics for degree programs under a).
- Required exam in chemistry for degree programs under b);
- Required exam in biology for degree programs under c).

Admission to the fourth year:

- Required exam in geometry and algebra for degree programs under e);
- Required exam in programming languages and semantics for degree programs under f);
- Required exam in classical physics for degree programs under d).
- Required exam in general and inorganic chemistry for degree programs under g);
- Required exam in biology and molecular genetics for degree programs under h).

Oral exams will take place at the Scuola Normale Superiore, Piazza dei Cavalieri 7 – Pisa, and will begin:

FACULTY OF ARTS

- Monday, September 21, 2009 at 9:00 am

FACULTY OF SCIENCES

- from Thursday, September 10, 2009 at 9:00 am