



**UNIVERSITÀ
DEGLI STUDI DI TRIESTE**

**Sezione Ricerca e Dottorati
Ripartizione Dottorati**

LAST REVISED 14/10/2010

**DOCTORAL COURSE IN
GEOSCIENCES**

GENERAL DESCRIPTION

SUBJECT AREAS:

- main area: GEO/10
- other areas: GEO/05; GEO/10; GEO/11; GEO/12; GEO/04; GEO/09; GEO/02; GEO/08; GEO/07; GEO/06; GEO/01; GEO/03

RESEARCH FIELDS:

1. Structural geology and stratigraphy
2. Geodesy and crustal movements in seismic and volcanic areas
3. Seismology, volcanology, natural hazards and physical-chemical properties of the lithosphere-asthenosphere system
4. Evolution of the crust-mantle system: geophysics, mineralogy, petrology and geochemistry
5. Morphodynamics of modern environments, Quaternary geology, geo-archaeology
6. Applied geology, geo-resources, exploration geophysics
7. Environmental geochemistry, palaeo-climatology

ORGANIZING DEPARTMENT: Dipartimento di Geoscienze

DURATION: 3 years

MAXIMUM NUMBER OF MONTHS TO BE SPENT ABROAD:6

OFFICIAL LANGUAGE OF THE SCHOOL: Italian

ADMISSION INFORMATION AND REQUIREMENTS

NUMBER OF PLACES AVAILABLE: 6

- **SCHOLARSHIPS:** 3

- **FUNDING BODY/IES:**

- Università degli Studi di Trieste 1
- Dept. of Geoscienze (grant from European Union)..... 1
- Dept. of Geoscienze (grant from European Union) Regione Friuli Venezia Giulia (Project title: "Studies on vulnerability to geostatic instabilities in the Friuli Venezia Giulia region")..... 1

Candidates who accept an earmarked scholarship are committed to the pre-assigned topic

NON-FUNDED PLACES:

- research grant-holders: (art. 1.1 - Requisiti) 1
- grant-holders funded by the Italian Ministry of Foreign Affairs permitted to sit the entrance examination in the country of origin 1
- non-EU citizens resident abroad 2

ACADEMIC QUALIFICATION REQUIRED: see Announcement (art. 1.1 - Requirements)

DEADLINE FOR COMPLETION OF DEGREE: 30.11.2010

ASSESSMENT CRITERIA:

qualifications + interview

FINAL SCORE: the final score is based on the sum total of marks obtained in

the interview plus the points given for qualifications and publications:..... 100/100

FINAL SCORE (MINIMUM REQUIRED): 60/100

SCORE ATTRIBUTED TO THE QUALIFICATIONS: 50

QUALIFICATIONS REQUIRED (RELATIVE WEIGHT):

Art. 11 Rules for Doctorates: all candidates are required to present the following documents, regardless of whether or not a score is assigned to them (see below):

- a. a detailed curriculum vitae et studiorum + other academic titles (master, scholarships,

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- study grants) + publications, if any, 35/50
b. a copy of the Master's degree thesis, 15/50
For students with a degree awarded by a non-Italian University, an abstract of the thesis in English or Italian is sufficient.

as well as

- Qualification Evaluation Form (unless this form is presented, qualifications and publications CANNOT be assessed by the Examining Board)

MINIMUM SCORE REQUIRED FOR THE QUALIFICATIONS:..... no

ORAL EXAMINATION MARK OUT OF:..... 50

MINIMUM SCORE REQUIRED FOR INTERVIEW:..... 30/50

DEADLINE FOR RECEIVING CERTIFICATES/ PUBLICATIONS:..... 30.11.2010

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: Direttore del Dipartimento di Geoscienze Via E. Weiss, 2 – TRIESTE or else by e-mail to: scattaruzza@units.it

EXAMINATION SCHEDULE:

- INTERVIEW: 10.12.2010 at 09.30 a.m. Aula riunioni (meeting room) at Dipartimento di Geoscienze, Via E. Weiss, 2, II° piano – TRIESTE

ALTERNATIVE LANGUAGE TO ITALIAN FOR THE INTERVIEW: English

CONTACT INFORMATION

CHAIR: Prof. Michele Pipan - Dipartimento di Geoscienze- Università degli Studi di Trieste – tel. 040558.2277; fax 040558.2290 e-mail pipan@univ.trieste.it

VICE: Prof. Francesco Fanucci - Dipartimento di Geoscienze - Università degli Studi di Trieste - tel. 040558.2039; fax 040558.2290 e-mail fanucci@univ.trieste.it

WEB SITE: <http://www.geoscienze.units.it>

OVERVIEW: The aim of the doctorate is to give a basic and applied formation on the various aspects of the geosciences. Learning and research activities can be divided into the following main themes:

- 1) Structural and stratigraphic geology
- 2) Seismology, vulcanology, natural risks and physical-chemical properties of the lithosphere and asthenosphere
- 3) Geodesy and crustal movements
- 4) Evolution (geophysics, petrology, mineralogy and geochemistry) of the crust-mantle system
- 5) Morphodynamics of the modern environments, Quaternary geology, geo-archaeology
- 6) Applied geology, georesources and exploration geophysics
- 7) Environmental geochemistry, palaeoclimatology

CHANGES SUBSEQUENT TO 08.10.10

N.B: the original announcement may be subject to continuous modification. Any changes made subsequent to the original date of publication are listed below :

- 1st addition:

IN PRESS

N.B: the following additions/changes have been requested by the organisers of the Doctorate and will be made official with an supplement to the:

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