



**UNIVERSITÀ  
DEGLI STUDI DI TRIESTE**

**Sezione Ricerca e Dottorati  
Ripartizione Dottorati**

LAST REVISED 22/12/2011

**DOCTORAL COURSE IN  
GEOSCIENCES**

**GENERAL DESCRIPTION**

**SUBJECT AREAS:**

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

**RESEARCH FIELDS:**

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

ORGANIZING DEPARTMENT: Dipartimento di Geoscienze

OTHER PARTICIPATING INSTITUTIONS (Italian): INOGS - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale

DURATION: 3 years

MAXIMUM NUMBER OF MONTHS TO BE SPENT ABROAD: 6

OFFICIAL LANGUAGE OF THE SCHOOL: English

**ADMISSION INFORMATION AND REQUIREMENTS**

NUMBER OF PLACES AVAILABLE: .....5

**Please note that the number of seats available has increased from 4 to 5, the amendment added 22/12/2011**

- SCHOLARSHIPS: ..... 3

**FUNDING BODY/IES:**

- [cod D/1] Dip di Geoscienze funded by MICCS (Project title: "Imaging and geophysical characterization for high resolution basin, reservoir and site studies")..... 1
- [cod D/2] Dip di Geoscienze (Project title: "Strong ground motion estimation from earthquake scenarios and possible effects at selected hazardous localities in Friuli Venezia Giulia") ..... 1
- [cod D/3] Dip di Geoscienze funded by Ergolines Lab srl (Project title: "Implementation and test of high-resolution non-destructive survey systems based on Rayleigh waves")..... 1

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

**Candidates have to list (in order of preference) which scholarships they apply for in the comments box at the bottom of the "qualifications evaluation form" (ALLEGATO VALUTAZIONE TITOLI). If extra earmarked scholarships become available after candidates have completed their application, they can modify their preference list within the deadline for receiving certificates.**

**NON-FUNDED PLACES:**

- research grant-holders: (art. 1.1 - Requirements).....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: ..... 09.12.2011

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# UNIVERSITÀ DEGLI STUDI DI TRIESTE

## Sezione Ricerca e Dottorati

### Ripartizione Dottorati

ASSESSMENT CRITERIA: qualifications

- FINAL SCORE: ..... 100
- FINAL SCORE (MINIMUM REQUIRED): ..... 60/100
- SCORE ATTRIBUTED TO THE QUALIFICATIONS: ..... 100
- 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: 20/100
  - b. a copy of the Master's degree thesis: 30/100For students with a degree awarded by a non-Italian University, an abstract of the thesis in English or Italian is sufficient.

as well as:

1. Research programme: 20/100
  2. other academic titles: 10/100
  3. publications: 10/100
  4. three reference letters (contacts, titles and addresses have to be clearly stated): 10/100
- Qualification Evaluation Form (unless this form is presented, qualifications and publications CANNOT be assessed by the Examining Board)

MINIMUM SCORE REQUIRED FOR THE QUALIFICATIONS: ..... 60/100

DEADLINE FOR RECEIVING CERTIFICATES/ PUBLICATIONS: ..... by 12.12.2011 midnight CET

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: email to [pipan@units.it](mailto:pipan@units.it)

CEFR LEVEL: B2

### 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](mailto:pipan@univ.trieste.it)

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

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

EDUCATIONAL AIMS AND RESEARCH TOPICS: The main objective of the doctorate is to provide an advanced training in the field of Earth Sciences, both in the fundamental/theoretical sectors and in the applied . Training and research activities will focus on the following main topics:

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

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