Coordinator
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Website
http://www.bigea.unibo.it/it/ricerca/dottorato-di-ricerca

Duration
3 years

Academic year
2013/2014

Programme start date
01/01/2014

Programme held in
Italian

Main Department
Department of Biological, Geological and Environmental Sciences

Partner Institutions
CNR-ISMAR sede di Bologna
Italy

INGV – Istituto Nazionale di Geofisica e Vulcanologia
Italy

Joint Doctoral Programme MARES (http://www.mares-eu.org/index.asp)
23 European Institutions

Research topics
1. Earth Sciences
   - Stratigraphy and structural geology
   - Geosphere-biosphere interactions
   - Geochemistry, magmatism and metamorphism
   - Marine geology
   - Environmental geology
   - Geological hazards and natural resources
   - Engineering Geology and hydrogeology

2. Life Sciences
   - Animal biodiversity and evolution
   - Plant biodiversity and evolution
   - Human biodiversity and evolution
   - Population biodiversity and evolution
   - Environmental monitoring
   - Marine biology
   - Cellular biodiversity and evolution

Requirements and admission procedures

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<th>Requirements</th>
<th>Admission procedures</th>
<th>Notes on admission</th>
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<td>An Italian university degree (laurea specialistica/magistrale - 3+2 years) or an equivalent degree obtained abroad. Also applicants whose degree will be awarded no later than December 31, 2013 can participate to the selection procedures.</td>
<td>Assessment of qualifications Oral examination</td>
<td>For applicants residing abroad, the oral examination can be done remotely through video-conference based on the IP protocol (such as through Skype with webcam). In this case, at the time of application for admission, applicants should indicate the choice of this mode for the oral examination and indicate a valid address/contact. The request must be authorized by the Admission Board upon verification of the conditions needed to ensure the proper conduct of the test (verification of the identity of the applicant). The applicant will have to contact the Admission Board and agree a Skype address and a timetable to carry out the oral examination, on days specified for the oral examination. The applicant must ensure his/her availability to the address indicated in the application beginning at the agreed hour and for the next 3 hours. In case the applicant is not found for 3 times by members of the Admission Board, he/she will be considered as definitely not registered to the oral exam.</td>
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Mandatory documents to be enclosed with the online application (failure to comply with such requirements will result in the exclusion from the competition)

1. CV
2. copy of Bachelor’s and Master’s degree, list of exams taken with grades and final mark (in Italian or English)
3. only for those who do not hold a Master's degree when submitting the application: copy of the exams taken with grades

For documents listed at points 2. and 3., please note that:
- for degrees obtained in Italian Universities: upload a SIGNED self-declaration;
- for degrees obtained in non-EU Countries: upload the degree certificate issued by the relevant University;
- for degrees obtained in EU countries (except Italy): you can either upload a SIGNED self-declaration or the degree certificate issued by the relevant University, translated in Italian or English;
- all documents must contain the following information: personal data, name of the University, degree name, final score, transcript (see art. 2 of the call).

Other documents to be enclosed, if available

- Publications
- Any other documented activity concerning the research topics of the PhD Programme

Agenda

<table>
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<th>Description</th>
<th>When</th>
<th>Where</th>
<th>Time</th>
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<tr>
<td>Assessment of qualifications</td>
<td>27/09/2013</td>
<td>Applicants presence is not requested</td>
<td></td>
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<tr>
<td>Oral examination</td>
<td>16/10/2013</td>
<td>Dept. of Biological, Geological and Environmental Sciences, Via Zamboni 67, Bologna</td>
<td>9 a.m.</td>
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</table>
Assessment criteria

Total score: 100/100

1. Assessment of qualifications
   - minimum score required for the admission to the oral exam: 30
   - maximum score: 50
   Score is assigned as follows:
   - evaluation of the final grade (in the case of applicants who have a degree / master’s degree or Master's course or graduation old system) or evaluation of marks obtained in the course of university studies (in the case of applicants not owing the degree, but will get it by December 2013): maximum score 40
   - publications: maximum score 5
   - other qualifications: maximum score 5
   The results of the assessment of qualifications will be made public by posting them in the Department of Biological, Geological and Environmental Sciences and on the site http://studenti.unibo.it, restricted access by University credentials (by selecting: sintesi delle richieste in corso → vedi dettaglio → risultati prova).

2. Oral examination
   - minimum score required in order to be listed in the final ranking: 30
   - maximum score: 50
   The oral examination, which will take the form of an interview, will assess the applicant's aptitude for scientific research. During the oral examination, applicants will be asked to discuss a research project proposal and to specify the research topic they would like to investigate within their doctoral studies.
   The results of the oral examination will be made public by posting them in the Department of Biological, Geological and Environmental Sciences and on the site http://studenti.unibo.it (by selecting: sintesi delle richieste in corso → vedi dettaglio → risultati prova). The final ranking with details of winners will be published on the site http://studenti.unibo.it, restricted access by University credentials. Any information concerning the publication of the final ranking will be available on www.unibo.it/Dottorati/Bandi29. The Admission Board will not send any communication to the applicants about the outcome of the tests. It is the responsibility of the applicants to be informed on the outcome (see art. 6 of the call).

Language requirements

During the oral examination will be assessed the knowledge of the following foreign language: English. The oral examination will be held in Italian. For foreign applicants the knowledge of Italian is not required and it will be possible to carry out the oral examination in English, depending on the applicant’s choice.

Positions and scholarships

Total number of positions: 18, of which:
- 11 positions with scholarship granted by University of Bologna, of which:
  o 6 positions devoted to research activities in the field of Earth Sciences
  o 4 positions devoted to research activities in the field of Life Sciences
  o 1 position with scholarship made available with funds partly provided by CNR-ISMAR (public research institutions), dedicated to research activities in the field of “Continental margin evolution during the Quaternary”
- 1 position with scholarship granted by Fraunhofer UMSICHT - Sulzbach-Rosenberg (private research institution) dedicated to research activities in the field of “Development of methodologies for the analysis of sustainability of biomass use for energy production and energy storage”
- 6 positions without scholarship

Extra-quota positions: 3