## Coordinator
Professor Giovanni Dinelli - Department of Agricultural Sciences - Viale Fanin, 44 – Bologna - giovanni.dinelli@unibo.it

## Website

## Duration
3 years

## Academic year
2013/2014

## Programme start date
01/01/2014

## Programme held in
English

### Main Department
Department of Agricultural Sciences

### Associated Unibo Department
Department of Agricultural and Food Sciences

### Partner Institutions
- Dipartimento di Produzioni Animali – Università di Pisa
  - Italy
- Dipartimento di Economia e Sistemi Arborei – Università di Sassari
  - Italy
- Dipartimento di Scienze per gli Alimenti, la Nutrizione e l' Ambiente – Università di Milano
  - Italy
- CRA-Direzione attività scientifiche
  - Italy
- Universitat de Lleida - Departament de Producció Vegetal i Ciència Forestal
  - Spain
- Western Hungary University-Sopron (Ungheria) Rector Prof. Dr. Sándor Faragó – Facoltà di Economia
  - Hungary
- Zhejiang University of Technology (Hangzhou, Cina) College of Electrical and Mechanical Engineering
  - China
- University of Belgrade, Serbia Institute of Agricultural Economics
  - Serbia Montenegro
- Università di Avignone, Francia Laboratoire de Toxicologie Environnementale (INRA)
  - France

### Research topics
- Agronomy, Agricultural Genetics and Chemistry, Agro-Environmental Systems
- International Cooperation and Sustainable Development
- Microbial Ecology and Plant Pathology
- Food and Agricultural Economics and Policy
- Agricultural Entomology
- Agricultural Engineering
- Food Science and Biotechnology
- Animal Science
- Trees Production Systems, Forest and Ornamental

### 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 pre-reform degree (vecchio ordinamento - 4 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>Evaluation of qualifications and research project Oral examination</td>
<td>For applicants residing abroad, the oral examination can be conducted at a distance through video-conference based on the IP protocol (such as through Skype with webcam). Applicants must clearly indicate such choice and provide their own ID when applying for the call. The request must, nonetheless, be approved by the Admission Board that will make sure that the examination is carried out correctly and upon verification of the identity of the applicant. Applicants should contact the Admission Board at the e-mail address <a href="mailto:giovanni.dinelli@unibo.it">giovanni.dinelli@unibo.it</a> and agree a timetable to carry out the oral examination, on the days specified for the oral examination. They will be informed by the Admission Board, by e-mail, about date and time to carry out the oral examination. Applicants must be available for 2 hours, starting from the time previously agreed. In case of applicants’ unavailability, after 3 attempts in establishing a contact during the agreed timeframe, they will be excluded from the oral examination. All applicants must indicate the Research Topic (see above) on which they intend to carry out the doctoral research.</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 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).
4. Research project (with the specification of the selected Research topic) coherent with the PhD Programme (max 4000 characters, including spaces. This limit is compulsory, the exceeding text will not be evaluated). Such a project will not necessarily be the subject of the successful applicant’s doctoral studies.
Other documents to be enclosed, if available
- List of publications and further research activities;
- Any certificate useful in order to demonstrate the applicant’s training and aptitudes (tenure of scholarships, awards, attendance of courses and Masters, participation to Erasmus or other exchange programmes, etc.);
- Reference letters (max 2) (to be sent through the procedure available at the URL http://studenti.unibo.it)

Agenda

<table>
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<tr>
<th>Description</th>
<th>When</th>
<th>Where</th>
<th>Time</th>
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<tr>
<td>Evaluation of qualifications and research project</td>
<td>16/10/2013</td>
<td>Applicant presence not requested</td>
<td></td>
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<tr>
<td>Oral examination</td>
<td>06/11/2013 and</td>
<td>Department of Agricultural Sciences, Aula Baldoni - Viale Fanin, 44 – Quarto piano, ala nord, 40127 Bologna</td>
<td>9 a.m.</td>
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<td></td>
<td>07/11/2013</td>
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Assessment criteria

Total score: 100/100

1. **Evaluation of qualifications and research project**
   - minimum score required for the admission to the oral examination: 30
   - maximum score: 50
   Score is assigned as follows:
   - evaluation of the degree mark (for applicants who have a university degree at the time of submission of the application) or evaluation of the university exams taken with grades (for applicants who still not have a university degree at the time of submission of the application): max 20 points;
   - publications related to the PhD Programme: max 4 points;
   - research project: max 18 points
   - other qualifications (certificates of post-graduate courses related to the PhD Programme, research activities carried out in high level research institutions, reference letters, other qualifications): max 8 points
   The results of the evaluation of qualifications and research project will be posted on the bullet board of the Department of Agricultural 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 will focus on the explanation and discussion of the applicant’s research project.
   The oral examination will assess the applicant’s aptitude for scientific research, as well as her/his knowledge about the topics related to the Research topic he/she has selected.
   The results of the oral exam will be made public by posting them on the bullet board of the Department of Agricultural Sciences and on the site http://studenti.unibo.it (by selecting: sintesi delle richieste in corso → vedi dettaglio → risultati prova2).
   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 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, the applicant’s knowledge of English language will be tested.
The oral examination will be held either in Italian or English, depending on the applicant’s choice. For foreign applicants, the knowledge of Italian language is not requested.

Positions and scholarships

**Total number of positions**: 32, of which:
- **15 positions with scholarship granted by University of Bologna** (one scholarship is made available with funds provided partly by the Department of Agricultural Sciences and by the Department of Agricultural and Food Sciences)
- **1 position with scholarship “Fondo Giovani 2012” granted by MIUR**, committed to the Scope of Investigation 10 “Energy saving and micro-generation”
- **16 positions without scholarship**