

## Doctorate Course Title

# AGRICULTURAL, FOOD AND ENVIRONMENTAL SCIENCES AND BIOTECHNOLOGIES

## N.2 SCHOLARSHIPS

### 1) RESEARCH TOPICS:

"Development of buffer strips for agricultural ecosystems." Research referent Prof. Eric CONTI;  
 "Soil quality and functionality in agricultural systems with different degrees of ecological intensification."  
 Research referent: Prof. Alberto AGNELLI

### 2) Degree type required for admission

**Specialist degree** pursuant to M.D. 509/1999, **Master's degree** pursuant to M.D. 270/2004,  
**Bachelor's degree** according to the system prior to the entry into force of M.D. 509/1999: **ALL**

### 3) Mode of carrying out the selection procedure

The selection procedure will be carried out as follows:

~~Assessment of qualifications and interview (in 60ths: 30 + 30)~~

**The evaluation of the qualifications will concern the university training path, as well as any further training paths and professional and research experience and any scientific publications (it is advisable to attach and/or declare all the qualifications achieved, complete with any element useful for the assessment, including, for the training paths, all the specific grades achieved in the entire training path).**

The assessment will also examine the candidates' drafting of a three-year research project of their choice, aimed exclusively at assessing the candidate on one of the topics of the curricula into which the doctoral program is structured, namely:

#### SUSTAINABLE PRODUCTION SYSTEMS AND ENVIRONMENT CURRICULUM

- a) Development of buffer strips for agro-ecosystems.
- b) In vivo Olive tree collection and germplasm banking. Bio-agronomic and genetic characterization and avaluation of new olive genotypes in the perspective of their introduction or re-introduction into cultivation.

#### AGROFOOD AND ANIMAL PRODUCTION CURRICULUM

- a) Soil quality and functionality in agricultural systems with different degrees of ecological intensification.

The project must contain: Applicant's **full name**; **Project title**; **Abstract** (maximum 200 words); **State of the art** (maximum 1500 words); **Research objectives and expected results** (maximum 1000 words; over three years); **Methodological approach** (maximum 800 words); **Bibliographical references**.

Under penalty of non-evaluation, the qualifications must be submitted in accordance with Article 3 of the selection call and Annex 2.

**The interview** will focus on the topics of the curricula into which the doctoral program is divided and precisely the same as those indicated for the candidates' elaboration of a research project; the interview will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad, and scientific interests. The research project submitted by the candidate as an attachment to the

application will also be discussed during the interview.

The interview may, at the candidate's choice, be held in English.

For interviews held in Italian, English language proficiency will be tested.

- Qualifications*
- Oral test*
- Language*
- Research Project*

*(Titles)*

The minimum score for passing the interview is 21/30.

**Eligibility is achieved with an overall grade of 36/60 or higher**

### **Interview calendar**

On **December 21, 2022**, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea> under the tabs "Dottorati di ricerca" – "Bandi, avvisi e modulistica" ["Research Doctorates" - "Announcements, Notices and Forms"] and on the University's "Albo" [Online Bulletin Board], notifying the time of the convocation and the arrangements for the interview to be held on **January 18, 2023**, and any other communication concerning this selection. This notification shall serve as a formal convocation, and no personal communications will be sent out in this regard.