

Doctoral Course Title:

INDUSTRIAL and INFORMATION ENGINEERING

1 SCHOLARSHIP

1) RESEARCH TOPIC:

"Study of sustainable mobility models in the internal area of SOUTH WEST ORVIETO"

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 evaluation 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

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 related to the research topic indicated in point 1), on the characteristic thematics of the Doctoral Course, and consistent with its educational objectives, and will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests. It is prescribed, to this end, the elaboration by the candidate, of a research project proposal to be submitted together with the application for the competition, which the candidate will illustrate 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*

(Titles)

☒ *Oral*

Test

☒ *Language*

☒ *Research Project*

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

Eligibility is achieved with an overall grade of 25/60 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 in **January-February, 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.

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Doctoral Course Title:

INTERNATIONAL DOCTORAL PROGRAM IN CIVIL AND ENVIRONMENTAL ENGINEERING

1 SCHOLARSHIP

1) RESEARCH TOPIC:

"The Chiascio Dam: analysis, models and scenarios for development of the territory"

2) Degree types 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: **THE FOLLOWING**

LM-3 Landscape architecture

LM-4 Architecture and building engineering-architecture

LM-4 c.u. Architecture and building engineering-architecture (five-year)

LM-7 Agricultural biotechnology

LM-8 Industrial biotechnology

LM-12 Design

LM-17 Physics

LM-22 Chemical engineering

LM-23 Civil engineering

LM-24 Building systems engineering

LM-26 Safety engineering

LM-29 Electrical engineering

LM-33 Mechanical engineering

LM-35 Environmental and land use engineering.

LM-44 Mathematical and physical modeling for engineering.

LM-53 Materials science and engineering

LM-54 Chemical sciences

LM-69 Agricultural science and technology

LM-74 Geological sciences and technologies

3/S (specializations in landscape architecture)

4/S (specializations in architecture and construction engineering)

7/S (specializations in agricultural biotechnology)

20/S (specializations in physics)

27/S (specializations in chemical engineering)

28/S (specializations in civil engineering)

32/S (specializations in electrical engineering)

36/S (specializations in mechanical engineering)

38/S (specializations in environmental and territorial engineering)

50/S (specializations in mathematical-physical modeling for engineering)

61/S (specializations in materials science and engineering)

62/S (specializations in chemical sciences)

86/S (specializations in geological sciences)

103/S (specializations in theories and methods of industrial design)

Bachelor's degree according to the system prior to the entry into force of Ministerial Decree 509/1999, equated to the above-mentioned master's and master's degrees, pursuant to current regulations on equipollence for the purpose of participation in public competitions.

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).

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 related to the research topic indicated in point 1), on the salient thematics of the Doctoral Course, and consistent with its educational objectives, and will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests. The interview may, at the candidate's choice, be held in English. For interviews held in Italian, English language proficiency will be tested.

☒ *Qualifications*

(Titles)

☒ *Oral*

Test

☒ *Language*

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

Eligibility is achieved with an overall grade of 30/60 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 in **January-February, 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.**

Doctoral Course Title:
HUMAN SCIENCES

1 SCHOLARSHIP

1) RESEARCH TOPIC:

"Water, landscape, biodiversity. Synergistic networks for the re-territorialization of the nursino-Valnerina area after the 2016 earthquake (Umbria sector)"

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 cover the university educational path, as well as any further educational paths and professional and research experience and any scientific publications, which may also be produced in one of the following languages: **Chinese, English, French, Spanish, German, Portuguese** (it is advisable to attach and/or declare all the qualifications obtained, complete with any element useful for the evaluation, including, for the educational paths, the individual marks of profit achieved in the entire educational path).

The evaluation will also cover the preparation by the candidates of a research project of their choice, of three years' duration, aimed exclusively at the evaluation of the candidate on one of the themes of the curricula into which the doctoral program is divided. The project may be written in Italian or in one of the following official EU languages: **English, French**.

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

The minimum score required in the evaluation of qualifications to qualify for the interview is **15/30**. Before the interview is held, on the website at <https://www.unipg.it/didattica/percorsi-post-laurea> under "Dottorati di ricerca" – "Bandi, avvisi e modulistica", ["Research Doctorates" - "Announcements, Notices and Forms"], the list of candidates admitted to the interview itself will be posted, indicating the score obtained in the evaluation of qualifications.

Candidates who do not reach the above minimum score in the evaluation of qualifications will not be admitted to the interview.

The interview will focus on the discussion of the research project and the topics of the candidate's chosen curriculum. To this end, it is requested that the candidate obligatorily indicate in the application the choice of one of the curricula in which the doctoral program is divided.

The interview will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests. To this end, it is prescribed that the candidate prepare a research project proposal to be submitted with the application for the competition, which the candidate will illustrate during the interview.

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

For interviews held in Italian, knowledge of one of the following EU languages, chosen by the candidate

in the application for the competition, is required: English, French, Spanish, German, Portuguese.

☒ *Qualifications*

(Titles)

☒ *Oral*

Test

☒ *Language*

☒ *Research Project*

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

The interview will be held in person on February 2, 2023 at 4:30 p.m. in the 'Aula Tesi' [Thesis Room] of the Department of Philosophy, Social, Human and Education Sciences - Piazza Ermini n. 1 - 06123 Perugia.

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