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PhD program name:

**BIOTECHNOLOGIES  
(INDUSTRIAL PhD)**

Duration	3 years
Position	10
Scholarships	2 (UNIVERSITY)
Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)	1
Position with scholarship conditioned to completion of the procedures relating to the payment of the entire amount envisaged in the agreement	1 Casa Sollievo della Sofferenza
Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to completion of the surety to guarantee the loan	<b>1 scholarship</b> Project title: Informatic systems for elaboration and advance representation of high dimensionality data obtained from biotechnological analyses Period at the company: ICTLABS SPA: 18 months Stay abroad mandatory: 6 months Project contact person: CARDINALI GIANLUIGI
Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement	<b>1 scholarship</b> Project title: Biophysical properties of the extracellular matrix in the development of a tumor microenvironment and their modulation using plant-based product Period at the company: Bios-Therapy: 12 months Stay abroad mandatory: 6 mesi Project contact person: FIORETTO DANIELE
Position with scholarship financed on funds under the D.M. 351/2022 - PNRR	<b>1 scholarship</b> Project title: "Informatic systems for elaboration and advance representation of high dimensionality data obtained from biotechnological analyses" Period at the company Sterling SPA: 6 months Stay abroad mandatory: 6 months Project contact person: MARROCCHI ASSUNTA
Position with scholarship reserved to graduates of foreign Universities	1 (UNIVERSITY)
Position reserved to employees of businesses engaged in superior training activities (industrial doctorate)	<b>1</b> RESERVED FOR EMPLOYEES OF ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELL'UMBRIA E DELLE MARCHE "TOGO ROSATI" <b>1</b> RESERVED FOR EMPLOYEES OF USL 2 UMBRIA
Curricula	1) Medical Biotechnologies

	2) Molecular and Industrial Biotechnologies 3) Biomaterials and bio-devices
<b>In agreement with</b>	The Hebrew University of Jerusalem - Israele Nicolaus Copernicus University of Torun - Polonia Ozijek University- Croazia Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche "Togo Tosati" USL 2 Umbria Casa Sollievo della Sofferenza
<b>Coordinator</b>	CARDINALI GIANLUIGI

### **Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

Evaluation of qualifications will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-years on themes pertaining exclusively to one of the PhD course curricula: (<http://www.dccb.unipg.it/biotecnologie>)

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation. The Research project must be submitted together with the application.

The minimum score required in the evaluation of qualifications to access the interview is **15/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the above minimum score will not be admitted to the interview.

The interview will focus on the subjects included in the PhD curricula and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she has submitted with the application form.

The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

With regard to the position reserved for graduates in foreign universities, the selection procedure will be conducted in the same way: evaluation of qualifications and interview (out of a total of sixty: 30 + 30); please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 36/60.**

**Examination date:**

**On monday 29th of August 2022** in the classroom "Generale" del Team "PL\_Dott\_Biotecnologie"  
Link a Teams for interview:

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NWM0YzVkNDgtOGVjYy00NTc4LTljNTUtZmVjNzY2MDFINWFh%40thread.v2/0?context=%7b%22Tid%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22Oid%22%3a%22c43e1d81-1848-40d3-aa16-356c5d29b36f%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWM0YzVkNDgtOGVjYy00NTc4LTljNTUtZmVjNzY2MDFINWFh%40thread.v2/0?context=%7b%22Tid%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22Oid%22%3a%22c43e1d81-1848-40d3-aa16-356c5d29b36f%22%7d)

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022. to verify if the date for the interview has been confirmed or modified.**

**PhD program name:  
CONSUMER LAW**

<b>Duration</b>	3 years
<b>Position</b>	4
<b>Scholarships</b>	2 (UNIVERSITY)
<b>Position with scholarship financed on funds under the D.M. 351/2022 - digital and environmental transitions</b>	<b>1 scholarship</b> Project title: Business activities and environmental protection. Towards a new corporate responsibility aimed at stimulating the green transition Period at the company: Signorello SRL costruzioni e montaggi industriali: 6 months Stay abroad mandatory: 12 months Project contact person: MEZZASOMA LORENZO
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Curricula</b>	---
<b>Coordinator</b>	MEZZASOMA LORENZO

**Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in 22/S "Law", 84/S "Business Economic Sciences", LMG/01 "Law";

**Master's degree ('Lauree Magistrali')** in accordance with the ministerial decree D.M. 270/2004 in LMG/01 "Law"; LM-77 "Business Economics Science", **University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') above indicated, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-years on themes pertaining exclusively to one of the PhD course curricula: (SC 12/A1 – SSD IUS/01; SC 12/B1 – SSD IUS/04; SC 12/E3 - SSD IUS/05; SC 13/B1 – SSD SECS-P/07; SC 12/G2 – SSD IUS/16);

**this Research project must be submitted together with the application.**

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

The minimum score required in the evaluation of qualifications to be admitted to the interview is **15/30**. Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, as well as on the website of the Department of Economics on <https://www.econ.unipg.it/dottorati-di-ricerca>

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will regard subject matter pertaining to the PhD Curriculum (SC 12/A1 – SSD IUS/01; SC 12/B1 – SSD IUS/04; SC 12/E3 - SSD IUS/05; SC 13/B1 – SSD SECS-P/07; SC 12/G2 – SSD IUS/16) and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she has presented together with the application form for the evaluation of academic titles.

The candidate may choose to be interviewed in Italian, Spanish or English, indicating his/her choice in the application form.

For interviews held in Italian there will also be a verification of the candidate's knowledge of the English or the Spanish language.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be held the same way: **evaluation of qualifications (including the research project) and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedures.

**Eligibility is obtained with a total mark equal to or above 36/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**Please Note:** All Consumer Law PhD students (starting from the second year) must **mandatory** carry out a period of research of at least 365 days at the University of Salamanca and their Doctoral Dissertations must **mandatory** be drawn up in **two languages** (either Italian/English or Italian/Spanish).

Furthermore, PhD students, during their stay in Italy, if compatible with COVID19 regulations, **will be required to carry out weekly research activity for a minimum of 3 days every week** at the Department of Economics of the Università degli Studi di Perugia.

**PhD program name:  
ECONOMICS – INSTITUTIONS, BUSINESSES AND QUANTITATIVE METHODS  
(INDUSTRIAL PhD)**

<b>Duration</b>	3 years
<b>Position</b>	5
<b>Scholarships</b>	2 (UNIVERSITY)
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory</b>	1
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Position reserved to employees of businesses engaged in superior training activities (industrial PhD)</b>	1 (RESERVED FOR EMPLOYEES OF ARPM LLC
<b>Curricula</b>	1) Economics and institutions 2) Economics and business 3) Quantitative methods for economics
<b>In agreement with</b>	ARPM LLC (USA)
<b>Coordinator</b>	FIGA' TALAMANCA GIANNA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

**this Research project must be submitted together with the application.**

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation

The minimum mark required on evaluation of qualifications in order to be admitted to the interview is **15/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will focus on the subjects included in the PhD curricula and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well

as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she has submitted with the application form.

The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be held in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedures.

**Eligibility is obtained with a total mark equal to or above 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.



**PhD program name:  
ENERGY AND SUSTAINABLE DEVELOPMENT  
(INDUSTRIAL PhD)**

<b>Duration</b>	3 years
<b>Position</b>	9
<b>Scholarships</b>	2(UNIVERSITY)
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Position with scholarship financed on funds under the D.M. 352/2022</b>	<b>1 scholarship</b> Project title: REC: study of the energy technologies for the implementation of the sharing energy and for the storage with the use of the green hydrogen Period at the company Eagleprojects Spa: 12 months Stay abroad mandatory: 6 months Project contact person: COTANA FRANCO
<b>Position with scholarship financed on funds under the D.M. 351/2022 - Public Administration</b>	<b>1 scholarship</b> Project title: Public administration as a driver for the ecological transition: identification of policies for energy and environmental sustainability through user involvement Period at the company ARPA UMBRIA (Agenzia regionale per la protezione ambientale): 12 months Stay abroad mandatory: 6 months Project contact person: MORETTI ELISA <b>1 scholarship</b> Project title: Instruments and methodologies to support the ecologic transition of SMEs Period at the company SVILUPPUMBRIA: 9 months Stay abroad mandatory: 6 months Project contact person: BALDINELLI GIORGIO
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Reserved positions for employees of enterprises carrying out highly qualified activities (Industrial PhD)</b>	1 (RESERVED FOR EMPLOYEES OF NUOVO PIGNONE TECNOLOGIE S.R.L.) 1 (RESERVED FOR EMPLOYEES OF AGRICOLUS S.R.L.)
<b>Curricula</b>	1. Energy and environmental well-being 2. Energy, agricultural and territorial resources
<b>In agreement with</b>	NUOVO PIGNONE TECNOLOGIE S.R.L. AGROCOLUS S.R.L..
<b>Coordinatore</b>	NICOLINI ANDREA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation

**The interview** will focus on the subjects included in the PhD curricula and may also be aimed at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests and the candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities as well as for the positions reserved for the employees of the above listed companies,** the selection procedure will be conducted in the same way: **evaluation of qualifications and interview, (out of a total of sixty: 30 + 30);** refer to the above described procedures.

**Eligibility is obtained with a total mark equal to or above 30/60**

### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
ETHICS OF COMMUNICATIONS, SCIENTIFIC RESEARCH AND TECHNOLOGICAL INNOVATION  
(INDUSTRIAL PHD)**

<b>Duration</b>	3 years
<b>Position</b>	6
<b>Scholarships</b>	3 (UNIVERSITY)
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Reserved positions for employees of enterprises carrying out highly qualified activities (Industrial PhD)</b>	2 (RESERVED FOR EMPLOYEES OF THE 'ISTITUTO ZOOPROFILATTICO DELL'UMBRIA E DELLE MARCHE "TOGO ROSATI")
<b>Curricula</b>	1 – Humanities 2 – Scientific – Tech 3 – Medicine- Health
<b>In collaboration with</b>	ISTITUTO ZOOPROFILATTICO DELL'UMBRIA E DELLE MARCHE "TOGO ROSATI"
<b>Coordinator</b>	BALBONI GIULIA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**The Selection Procedure**

The selection procedure will be carried out as follows:

**Evaluation of Qualifications and Interview (out of a total of sixty: 30 + 30).**

**The evaluation of qualifications** will regard the candidate's university training, as well as any further training programs and professional or research experience and scientific publications (candidates are advised to attach and/or declare all qualifications attained, complete with all elements useful to their evaluation, including, with regard to education and training, the marks received for each course completed during the entire educational and training career).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-years on themes pertaining exclusively to one of the PhD course curricula.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation; **the research project must be presented together with the application to participate in the selection.**

The minimum score in the evaluation of qualifications for admission to the interview is **9/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will concern the topics of the curricula of the doctorate and on the discussion of the research project, which the candidate will illustrate. The interview will also be aimed at verifying the aptitude for research, availability to undertake experiences abroad, and his/her scientific interests. For that purpose, the candidate will illustrate, in the course of the interview, the research project presented together with his/her application. The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**In reference to the place reserved for graduates of foreign universities , the selection procedure will be carried out in the same manner: evaluation of qualifications and interview (out of a total of sixty: 30+30; please refer to everything described above in this regard.**

**Eligibility for admission shall be attained with an overall evaluation of at least 30/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
PHYSICS**

<b>Duration</b>	3 years
<b>Position</b>	7
<b>Scholarships</b>	2 (UNIVERSITY) 1 (DEPARTMENT OF PHYSICS AND GEOLOGY) for the topic "Implementation of technical and scientific activities at the Space Science Data Center "funded through the agreement with ASI 1 (DEPARTMENT OF PHYSICS AND GEOLOGY) in agreement with INFN)
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<b>1 scholarship</b> Project title: Matter-Radation Interaction Simulator development and testing for Aerospace and Terrestrial Applications.  Period at the company BEAMIDE: 18 months Stay abroad mandatory: 6 months Project contact person: BERTUCCI BRUNA
<b>Position with scholarship financed on funds under the D.M. 352/2022</b>	<b>1 scholarship</b> Project title: Environmental monitoring by remote sensing and by a network of energetically autonomous ground sensors  Period at the company Eagleprojects Spa: 12 months Stay abroad mandatory: 6 months Project contact person: MATTARELLI MAURIZIO
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<b>1 scholarship</b> Project title: OPTIQUAL - OPTImization Quantum Algorithms: from fundamental Physics to applications of general interest  Period at the company AGORASOFT S.R.L.: 6 months Stay abroad mandatory: 6 months Project contact person: SCOPETTA SERGIO
<b>Curricula</b>	=====
<b>In agreement with</b>	UNIVERSITY OF COPENHAGEN – DENMARK SAHA INSTITUTE OF NUCLEAR PHYSICS (INDIA)
<b>Coordinatore</b>	FANO' LIVIO

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30).**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed within the three-years on themes pertaining to the PhD course, and to its objectives.

The passing score for the interview is **10/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>

Candidates who do not achieve the above minimum score will not be admitted to the interview.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation; **the research project must be presented together with the application to participate in the selection.**

**The interview** will focus on the subjects pertaining to the PhD course and its objectives and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she presented with the application (form). The candidate may choose to be interviewed in English. For interviews held in Italian there will also be verification of the candidate's knowledge of the English language.

**The interview will be carried out in person. The Commission will evaluate the requests of the candidates to carry out the interview by videoconference considering the reasons given.**

The passing score for the interview is **20/30**.

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be carried out following the above-mentioned modality: **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above-mentioned procedure.

**Eligibility is obtained with a total mark equal to or above 30/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**  
**INDUSTRIAL AND INFORMATION ENGINEERING**  
**(INDUSTRIAL PHD)**

<b>Duration</b>	3 years
<b>Position</b>	15
<b>Scholarships</b>	2 (UNIVERSITY) 1 ENGINEERING DEPARTMENT for the topic "The development of efficiency models, both economic and in terms of service level in the management of production and organizational processes and in the management of patients in a complex health facility" 1 ENGINEERING DEPARTMENT for the topic "High Fidelity Simulations and experiments of Cryogenic Carbon capture Process"
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to completion of the surety to guarantee the loan</b>	<b>1 scholarship</b> Project title: Design of articular prostheses, additively manufactured Period at the company 3 DiFiC s.r.l.: 12 months Stay abroad mandatory: 6 months Project contact person: ZANETTI ELISABETTA <b>1 scholarship</b> Project title: Development and management of efficient, eco-friendly and high safety innovative manufacturing processes Period at the company UMBRAGROUP SPA.: 18 months Stay abroad mandatory: 6 months Project contact person: MOSCHITTA ANTONIO <b>1 scholarship</b> Project title: Application of Hydrogen as fuel for Internal Combustion Engines. Period at the company Shot-to-Shot Engineering srl: 12 months Stay abroad mandatory: 6 months Project contact person: POSTRIOTI LUCIO
<b>Position with scholarship financed on funds under the D.M. 352/2022</b>	<b>1 scholarship</b> Project title: Additive green components for electric vehicles Period at the company Seamthesis: 12 months Stay abroad mandatory: 6 months Project contact person: DI SCHINO ANDREA
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<b>1 scholarship</b> Project title: Sustainable mobility systems development Period at the company Seamthesis: 12 months Stay abroad mandatory: 6 months Project contact person: DI SCHINO ANDREA
<b>Position with scholarship financed on funds under the</b>	<b>1 scholarship</b> Project title: ICT technologies for health support Period at the company CNIT: 6 months Stay abroad mandatory: 6 months

<b>D.M. 351/2022 - Public Administration</b>	Project contact person: CARBONE PAOLO <b>1 scholarship</b> Project title: Improving the surgical pathway in healthcare facilities through business process reengineering and materials management techniques Period at the company Azienda ospedaliera Perugia: 6 months Stay abroad mandatory: 6 months Project contact person: TIACCI LORENZO
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Position reserved for employees of enterprises carrying out highly qualified activities (Industrial PhD)</b>	2 (RESERVED FOR EMPLOYEES RINA CONSULTING CENTRO SVILUPPO MATERIALI)
<b>Curricula</b>	1. Information Engineering 2. Industrial Engineering
<b>In agreement with</b>	VRIJE UNIVERSITY BRUSSEL (BELGIO) RINA CONSULTING CENTRO SVILUPPO MATERIALI
<b>Coordinatore</b>	LIOTTA GIUSEPPE

#### **Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

#### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30).**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-years on themes pertaining exclusively to one of the PhD course curricula.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation. **the research project must be presented together with the application to participate in the selection.**

**The interview** will focus on the subjects included in the PhD curricula and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she presented **videoconference in consideration** with the application (form). The candidate may choose to be interviewed in English. For interviews held in Italian there will also be verification of the candidate's knowledge of the English language.



The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be carried out following the above-mentioned modality: **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above-mentioned procedure.

**Eligibility is obtained with a total mark equal to or above 25/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
INTERNATIONAL DOCTORAL PROGRAM IN CIVIL AND  
ENVIRONMENTAL ENGINEERING  
(INDUSTRIAL PHD)**

<b>Duration</b>	3 years
<b>Position</b>	12
<b>Scholarships</b>	3 (UNIVERSITY) 1 (DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING) – for the topic "The representation of territorial data for urban and landscape regeneration" "" 1 CNR – IRPI e DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING) Topic ""Influence of land use and agriculture practices on hillslope stability""
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Position with scholarship financed on funds under the D.M. 352/2022</b>	<b>1 scholarship</b> Project title: Artificial intelligence methods for Drone inspections and structural health monitoring of bridges - AIDBrifge Period at the company Eagleprojects Spa: 12 months Stay abroad mandatory: 6 months Project contact person: UBERTINI FILIPPO
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<b>1 scholarship</b> Project title: New IoT technologies and data fusion for the structural health monitoring of reinforced concrete precast structures Period at the company Manini Prefabbricati s.p.a: 12 months Stay abroad mandatory: 6 months Project contact person: VENANZI ILARIA
<b>Research grant reserved to graduates of foreign universities</b>	1 Topic ""A novel and Disruptive Approach to cost-effectively MANufacture high char yield carbon fibers based composites and to evaluate their THERmo-physical properties at high temperatures""
<b>Position reserved to employees of businesses engaged in superior training activities (industrial doctorate)</b>	1 (RESERVED FOR EMPLOYEES OF TARKETT SPA) 2 (RESERVED FOR EMPLOYEES OF ACEGASAPSAMGA SPA)
<b>Curricula</b>	-----
<b>In collaboration with</b>	UNIVERSITÉ DE LIÈGE (BELGIO) SUNGKYUNKWAN UNIVERSITY (COREA DEL SUD) TECHNION ISRAEL INSTITUTE OF TECHNOLOGY (ISRAELE) UNIVERSITA' DI LLEIDA (SPAGNA) IOWA STATE UNIVERSITY

	UNIVERSIDADE DE LISBOA Tarkett SPA AcegasApsAmga S.p.A.
<b>Coordinator</b>	UBERTINI FILIPPO

### **Degrees Required for Admission**

**Master's degree ('Laurea Specialistica')**: 3/S "landscape architecture", 4/S "architecture and construction engineering", 7/S "agricultural biotechnologies", 20/S "physics", 27/S "chemical engineering", 28/S "civil engineering", 32/S "electronic engineering, 36/S "mechanical engineering", 38/S "environmental and territorial engineering", 50/S "mathematical-physics modeling for engineering", 61/S "materials science and engineering", 62/S "chemistry", 86/S (specialistiche in scienze geologiche, 103/S "theories and methods of industrial design"; **Master's degree ('Lauree Magistrali')** LM-3 "Landscape architecture", LM-4 "Architecture and Engineering", LM-4 c.u. "Architecture and Engineering" (five-year degree), LM-7 "Agricultural Biotechnologies", LM-8 Industrial biotechnologies, LM-12 "Design", LM-17 "Physics", LM-22 "Chemical Engineering", LM-23 "Civil Engineering", LM-24 "Engineering of Construction Systems", LM-26 "Safety Engineering", LM-29 "Electronic Engineering", LM-33 "Mechanical Engineering", LM-35 "Environmental and territorial Engineering", LM-44 "Mathematical-Physics Modelling for Engineering", LM-53 "Materials Science and Engineering", LM-54 "Chemistry, LM-69 "Agricultural Science and Technology, LM-74 Scienze e tecnologie geologiche;

**University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') above indicated, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

### **The Selection Procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of Qualifications and Interview (out of a total of sixty: 30 + 30).**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

**The interview** will concern the topics of the doctorate and will also be aimed at verifying the aptitude for research, availability to undertake experiences abroad, and his/her scientific interests. The interview may be sustained in English. Interviews performed in Italian will also contain verification of the candidate's knowledge of English.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be carried out following the above-mentioned modality: **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above-mentioned procedure.

**Eligibility for admission shall be attained with an overall evaluation of at least 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
LEGALITY, POLITICAL CULTURES AND DEMOCRACY**

<b>Duration</b>	3 years
<b>Position</b>	8
<b>Scholarships</b>	2 (UNIVERSITY)
<b>Position with scholarship financed on funds under the D.M. 351/2022 - Public Administration</b>	<p><b>1 scholarship</b> Project title: The Presidents of the Regions. History and sociology of the regional administration in Italy  Period at the company l’Agenzia Umbria Ricerche: 6 months  Stay abroad mandatory: 6 months  Project contact person: BARBIERI GIOVANNI</p> <p><b>1 scholarship</b> Project title: Territorial vulnerability and quality fo local democracy  Period at the company l’Agenzia Umbria Ricerche: 12 months  Stay abroad mandatory: 6 months  Project contact person: BOLGHERINI SILVIA</p> <p><b>1 scholarship</b> Project title: The re-use of personal data for the performance of public interest tasks, between protection concerns and new models for the exercise of public functions.  Period at the company Federprivacy:6 months  Period at the company presso il Garante per la protezione dei dati personali: 6 months  Stay abroad mandatory: 6 months  Project contact person: PONTI BENEDETTO</p> <p><b>1 scholarship</b> Project title: Crisis of the principle of purpose limitation and alternative ways for safeguarding the individual's rights.  Period at the company Federprivacy:6 months  Period at the company presso il Garante per la protezione dei dati personali: 6 months  Stay abroad mandatory: 6 months  Project contact person: PONTI BENEDETTO</p>
<b>Position with Scholarship reserved to graduates of foreign universities</b>	1 (UNIVERSITY) 1 (DEPARTMENT OF POLITICAL SCIENCE)
<b>Curricula</b>	1) Legality 2) Political Cultures 3) Democracy
<b>Coordinator</b>	PROIETTI FAUSTO

**Degrees required for admission**

**Any Master’s degree (‘Laurea Specialistica’)** in accordance with the ministerial decree D.M. 509/1999;

**Any Master’s degree (‘Laurea Magistrale’)** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

### **The Selection Procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of Qualifications and Interview (out of a total of sixty: 30 + 30).**

**The evaluation of qualifications** will regard the candidate's university training, as well as any further training programs and professional or research experience and scientific publications (candidates are advised to attach and/or declare all qualifications attained, complete with all elements useful to their evaluation, including, with regard to education and training, the marks received for each course completed during the entire educational and training career). The evaluation will also concern the drafting on the part of the candidates of a research project on one of the topics of the doctoral curricula to be developed over the course of the three years.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation; the research project must be presented together with the application to participate in the selection.

The minimum score in the evaluation of qualifications for admission to the interview is **12/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will concern the topics of the curricula of the doctorate and will also be aimed at verifying the aptitude for research, availability to undertake experiences abroad, and his/her scientific interests. For that purpose, the candidate will illustrate, in the course of the interview, the research project presented together with his/her application. The candidate may choose to be interviewed in English. For interviews held in English, there will be a verification of knowledge **of the Italian language**.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**In reference to the place reserved for graduates of foreign universities** , the selection procedure will be carried out in the same manner: **evaluation of qualifications and interview (out of a total of sixty: 30+30; please refer to everything described above in this regard.**

**Eligibility is obtained with a total mark equal to or above 33/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall**

**have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022.**

**PhD program name:  
CLINICAL AND MOLECULAR MEDICINE**

<b>Duration</b>	3 years
<b>Position</b>	8
<b>Scholarships</b>	3 (UNIVERSITY) 4 (DEPARTMENT OF MEDICINE AND SURGERY)
<b>Position with scholarship with activation subject to completion of the surety to guarantee the loan</b>	1 NOVARTIS PHARMA S.R.L.
<b>Curricula</b>	1) Pathology and clinical atherosclerosis 2) Neuroscience 3) Surgical sciences 4) Biotechnologies in human bone marrow transplant
<b>In agreement with</b>	AMSTERDAM UNIVERSITY – THE NETHERLANDS NEW YORK UNIVERSITY (USA)
<b>Coordinator</b>	MECUCCI CRISTINA

**Degrees required for admission**

**Any Master’s degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master’s degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate’s university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also concern the drafting on the part of the candidates of a research project on one of the topics of the doctoral curricula to be developed over the course of the three years.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications (“Bando”) and in Appendix 2 to avoid non evaluation; the research project must be presented together with the application to participate in the selection.

The minimum score required in the evaluation of qualifications to access the interview is **9/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the above minimum score will not be admitted to the interview.



**The interview** will focus on the subjects included in the PhD curricula and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. Candidates must be prepared to illustrate the aforementioned research project, presented together with the application, during the interview, for an evaluation of qualifications. The candidate may choose to be interviewed in Italian or in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above-described procedure.

**Eligibility is obtained with a total mark equal to or above 30/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**  
**TRANSLATIONAL MEDICINE AND SURGERY**

<b>Duration</b>	3 years
<b>Position</b>	7
<b>Scholarships</b>	2 (UNIVERSITY)
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<p><b>1 scholarship</b> Project title: Platelet-derived therapy of ductal adenocarcinoma of the pancreas            Period at the company Plasfer: 6 months            Stay abroad mandatory: 6 months            Project contact person: GRESELE PAOLO</p> <p><b>2 scholarship</b> Project title: Filling the gap: Identification and exploitation of novel molecular targets in the treatment high prevalent human disease, the case of inflammatory bowel diseases            Period at the company Precision biotherapeutics: 12 months            Stay abroad mandatory: 6 months            Project contact person: GRESELE PAOLO</p>
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<p><b>1 scholarship</b> Project title: Platelet-based drug delivery to brain tumours: new insight and exploitation for anti-tumor therapy            Stay abroad mandatory: 6 months            Project contact person: GRESELE PAOLO</p>
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Curricula</b>	1) Translational medicine 2) Translational surgery
<b>Coordinator</b>	GRESELE PAOLO

**Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in: 6/S "Biology", 9/S "Medical, Veterinary and Pharmaceutical Biotechnologies", 14/S "Pharmacy and Industrial Pharmacy", 26/S "Biomedical Engineering", 46/S "Medicine and Surgery", 69/S "Human Nutrition Sciences", 76/S "Sport science for prevention and rehabilitation";

**Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004 in: LM-6 "Biology", LM-9 "Medical, Veterinary and Pharmaceutical biotechnologies", LM-13 "Pharmacy and Industrial Pharmacy", LM-21 "Biomedical Engineering", LM-41 "Medicine and Surgery", LM-61 "Human Nutrition Sciences", LM-67 "Sport science for prevention and rehabilitation", LM-67 "Sport science for prevention and rehabilitation" (A030 qualification);

**Any University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') above indicated, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

The minimum score required in the evaluation of qualifications to access the interview is **9/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will concern the topics of the curricula of the doctorate and will also be aimed at verifying the aptitude for research, availability to undertake experiences abroad, and his/her scientific interests. The candidate may choose to be interviewed in English or the Commission may choose to interview in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in the presence, the Commission will evaluate the requests of the candidates to carry out the interview by videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the abovementioned procedure.

**Eligibility is obtained with a total mark equal to or above 30/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**  
**INFLAMMATORY AND INFECTIOUS PATHOLOGIES, THERAPEUTIC STRATEGIES AND BIOLAW**  
**(INDUSTRIAL PHD)**

<b>Durata</b>	3 anni
<b>Posti</b>	9
<b>Borse</b>	2 (ATENEO)
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to completion of the surety to guarantee the loan</b>	<p><b>1 scholarship</b> Project title: Shelf-life enhancer  Period at the company La sorgente del benessere srl: 6 months  Stay abroad mandatory: 6 months  Project contact person: BECCARI TOMMASO E FIORETTI BERNARD</p> <p><b>1 scholarship</b> Project title: Immune response biomarkers identification during gene therapy treatment in Haemophile A  Period at the company Spark Therapeutics inc: 6 months  Stay abroad mandatory: 6 months  Project contact person: FALLARINO FRANCESCA</p>
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (ATENEO)
<b>Position reserved to employees of businesses engaged in superior training activities (industrial doctorate)</b>	2 (RISERVATI AI DIPENDENTI DELLA DITTA SANOFI S.P.A.) 1 (RISERVATO AI DIPENDENTI DELLA DITTA OM PHARMA SA (VIFOR))
<b>Curricula</b>	1) Genomica e genetica del rapporto ospite-agente patogeno 2) Immunometabolismo, immunogenetica ed immunologia traslazionali 3) Etica, diritto e Scienza
<b>In convenzione con</b>	SANOFI S.P.A. OM PHARMA SA (VIFOR)
<b>Coordinatore</b>	SPACCAPELO ROBERTA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999, **Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004, **Any University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also concern the elaboration on the part of the candidates of research project to be developed on one of the themes of the doctoral curricula, **to be written in English**.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation

**The Research project must be submitted together with the application.**

**The interview** will focus on the subjects included in the PhD curricula and will aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience and his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she has presented, **in English**, together with the application for the evaluation of his/her qualifications. The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained by candidates with a total mark equal to or above 30/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**  
**HEALTH AND EXPERIMENTAL VETERINARY SCIENCE**  
**(INDUSTRIAL PhD)**

<b>Duration</b>	3 years
<b>Position</b>	9
<b>Scholarships</b>	2 (UNIVERSITY)
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	1
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<b>1 scholarship</b> Project title: “Veterinary medicine as a new horizon of the green economy: application of veterinary interest of sustainable flooring in recycled rubber from ELTs (End of Life Tires)” Period at the company Ecopneus S.c.p.A.: 9 months Stay abroad mandatory: 6 months Project contact person: PORCIELLO FRANCESCO
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<b>1 scholarship</b> Project title: “Innovative "low cost" sensors and OMIC technologies for well-being and resilience to climate change stress in horses - ECOS” Period at the company Nature4.0: 6 mesi Stay abroad mandatory: 6 mesi Project contact person: PEPE MARCO
<b>Position with scholarship reserved to graduates of foreign Universities</b>	1 (UNIVERSITY)
<b>Reserved positions for employees of enterprises carrying out highly qualified activities (Industrial PhD)</b>	<b>1</b> (RESERVED FOR EMPLOYEES OF ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELL'UMBRIA E DELLE MARCHE) <b>1</b> (RESERVED FOR EMPLOYEES OF ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE, LIGURIA E VAL D'AOSTA) <b>1</b> (RESERVED FOR EMPLOYEES OF CDVET RESEARC Srl)
<b>Curricula</b>	1) Biotechnology Applied to Veterinary Science 2) Veterinary Public Health and Food Hygiene 3) Clinical Science and Veterinary Diagnostics
<b>Coordinator</b>	CENCI GOGA BENIAMINO

**Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in: 6/S “Biology”, 7/S “Agricultural Biotechnologies”, 9/S “Medical, Veterinary And Pharmaceutical Biotechnologies”, 47/S “Veterinary Medicine”, 79/S “Agro-Zootechnical Science And Technology”;

**Master's Degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004 in: LM-6 "Biology", LM-7 "Agricultural Biotechnologies" LM-9 "Medical, Veterinary And Pharmaceutical Biotechnologies", LM-42 "Veterinary Medicine", LM-86 "Zootechnical Science And Animal Technologies"

**University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') indicated above, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-year course on themes pertaining to the PhD course curricula; **the research project must be submitted together with the application.**

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

**The interview** will focus on the subjects included in the PhD curricula and will aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview, the candidate must be prepared to illustrate the research project presented together with the application form.

The candidate may choose to be interviewed in Italian or in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities and for employees of the aforementioned companies,** the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedures.

**Eligibility is obtained with a total mark equal to or above 30/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022.**

**PhD program name:**  
**BIOLOGICAL AND NATURAL SCIENCES**

<b>Durata</b>	3 anni
<b>Posti</b>	<b>3</b>
<b>Scholarships of which 1 reserved to graduates from foreign universities</b>	<p><b>3</b> DEPARTMENT OF CHEMISTRY, BIOLOGY AND BIOTECHNOLOGY, funded respectively in the following projects:</p> <ul style="list-style-type: none"> <li>• scholarship funded by the Project "LIFE IMAGINE UMBRIA 19 IPE/IT/000015"</li> <li>• scholarship funded by the "Research Project to monitor legionella-UNIPG"</li> <li>• scholarship funded by the Project "Accordo CISP Natura Bosnia Erzegovina"</li> </ul>
<b>Curricula</b>	<p>1) Vital processes and human well-being 2) Organism-environment interaction</p>
<b>In convenzione con</b>	
<b>Coordinatore</b>	REBORA MANUELA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999, **Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004, **Any University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-year course on themes pertaining to the PhD course curricula; **the research project must be submitted together with the application.**

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

The minimum score required in the evaluation of qualifications to access the interview is **15/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will focus on the subjects included in the PhD curricula and will aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her



scientific interests. For this purpose, during the interview, the candidate must be prepared to illustrate the research project presented together with the application form.

The candidate may choose to be interviewed in Italian or in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained by candidates with a total mark equal to or above 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
CHEMICAL SCIENCES**

<b>Duration</b>	3 years
<b>Position</b>	<b>8</b>
<b>Scholarships</b>	3 (UNIVERSITY)  1 DEPARTMENT OF CHEMISTRY, BIOLOGY AND BIOTECHNOLOGY for the topic " Astrochemistry beyond the second period elements: quantum calculations of bimolecular reactions and astrochemical model". 1 ENGINEERING DEPARTMENT for the topic " Adaptive photoluminescent materials for radiative cooling of heat islands
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to completion of the surety to guarantee the loan</b>	<b>1 scholarship</b> Project title: "Doping methods of graphenic nanomaterials to obtain photocatalyst for the production of energy vectors" Period at the company Graphene company srl SB: 8 months Stay abroad mandatory: 6 months Project contact person: LATTERINI LOREDANA  <b>1 scholarship</b> Project title: " Study of functionalization and formulation methods of graphene-based nanomaterials for battery applications Period at the company Graphene company srl SB: 8 months Stay abroad mandatory: 6 months Project contact person: LATTERINI LOREDANA
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<b>1 scholarship</b> Project title: "CircularPharma – Application of circular economy principles for the synthesis of pharmaceuticals via waste valorisation. Period at the company Sterling: 6 months Stay abroad mandatory: 6 months Project contact person: VACCARO LUIGI
<b>Curricula</b>	1) Spectroscopy, chemical kinetics and molecular dynamics 2) Materials and methods for catalysis, energy, environment and cultural heritage 3) Theoretical chemistry and computational modeling
<b>Coordinator</b>	VACCARO LUIGI

**Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in: 7/S "Agricultural Biotechnologies", 8/S "Industrial Biotechnologies", 9/S "Medical, Veterinary and Pharmaceutical Biotechnologies", 14/S "Pharmacy and Industrial Pharmacy", 61/S "Material Sciences and Engineering", 62/S "Chemical Sciences", 81/S "Industrial Chemistry Sciences and Technologies";

**Master's degree ('Laurea Magistrale')**: in accordance with the ministerial decree D.M. 270/2004 in: LM-7 "Agricultural Biotechnology", LM-8 "Industrial Biotechnology", LM-9 "Medical, Veterinary and

Pharmaceutical biotechnologies”, LM-13 “Pharmacy and Industrial Pharmacy”, LM-53 “Materials Science and Engineering”, LM-54 “Chemical Sciences, LM-71 “Industrial Chemistry Sciences and Technologies”;

**University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') indicated above, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**The evaluation of qualifications** will regard the candidate's university training, as well as any further training programs and professional or research experience and scientific publications (candidates are advised to attach and/or declare all qualifications attained, complete with all elements useful to their evaluation, including, with regard to education and training, the marks received for each course completed during the entire educational and training career). The evaluation will also concern the elaboration on the part of the candidates of a research project to be developed over the course of the three years on one of the topics of the doctoral curricula or on one of the specific topics of the AMIS project – Departments of Excellence 2018-22 listed below.

*I) IC2E, Inorganic Chemistry for Catalysis and Energy*

*II) TheoEn, Computational Approaches for Catalysis and Energy .*

*III) FASST, Heterogenous Catalysis and flux reactors for energy, fine and pharmaceutical chemistry*

*IV) MPC, Study of the Elementary Processes that Control Combustion .*

*V) Photochem, Photophysical and Photochemical Study for the Efficiency of Energy Charging and Transfer Reactions*

*VI) Nano4Light, Synthesis and Characterization of nanomaterials*

*VII) TRACES, Experimental methodologies for the determination in traces and ultra-traces of elements, molecules and nanostructured materials and analytical techniques and materials for the conservation of cultural heritage.*

*VIII) H-EcoTox, Analysis and forecasting of toxicity of organic composts and their metabolites;*

*IX) Preventive conservation, analytical methods for VOC, processes of interaction between the artefact and the confined environment*

*X) Advanced spectroscopies for the science of Cultural Heritage.*

**All** qualifications must be presented according to the conditions described in article 3 of the Call for Applications (“Bando”) and in Appendix 2 **to avoid non evaluation.**

The evaluation will also include the drafting, by the candidate, of a **research project** that is to be developed during the three-year course on themes pertaining to the PhD course curricula; **the research project must be submitted together with the application.**

**The interview** will regard subject matter pertaining to the PhD curriculum and on the presentation of the research project and will aim at verifying the candidate's aptitude towards research and his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she has presented together with the application. The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.

The passing score for the interview is **20/30**.

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**  
**AGRICULTURAL, FOOD AND ENVIRONMENTAL SCIENCES AND BIOTECHNOLOGIES**

<b>Duration</b>	3 years
<b>Position</b>	<b>10</b>
<b>Scholarships</b>	<b>2 (UNIVERSITY)</b>
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to completion of the surety to guarantee the loan</b>	<p><b>1 scholarship</b> Project title: "Distribution of the main insect species attacking wooden artifacts (woodworms and termites) in Italy and host selection by the relative natural enemies"  Period at the company Ecotrader solution srl: 12 months  Stay abroad mandatory: 6 months  Project contact person: SALERNO GIANANDREA-REBORA MANUELA</p> <p><b>1 scholarship</b> Project title: "Win th challenge against the Tomato brown rugose fruit virus (ToBRFV)"  Period at the company BIOGYA SRL: 6 months  Stay abroad mandatory: 6 months  Project contact person: ALBERTINI EMIDIO</p> <p><b>1 scholarship</b> Project title: "Development of digital decision support systems for application of biological control methods in integrated pest management"  Period at the company Agricolus srl: 12 months  Stay abroad mandatory: 6 months  Project contact person: CONTI ERIC</p> <p><b>1 scholarship</b> Project title: "Sustainable beef cattle production: the contribute of the genomic selection"  Period at the company Associazione Nazionale Bovini Italiani da Carne (ANABIC): 6 months  Stay abroad mandatory: 6 months  Project contact person: LASAGNA EMILIO</p>
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<p><b>1 scholarship</b> Project title: "Evaluation of ground-based photovoltaic systems for beekeeping integration and wild pollinator protection"  Period at the company ACEA SOLAR srl: 6 months  Stay abroad mandatory: 6 months  Project contact person: ROMANI ROBERTO</p>
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<p><b>1 scholarship</b> Project title: "Modulation of gene expression as a response to heat stress in cold-adapted yeasts as a model for studying the ability of eukaryotes to adapt to climate change"  Stay abroad mandatory: 6 months  Project contact person: BUZZINI PIETRO</p> <p><b>1 scholarship</b> Project title: "Plants for future: study of morphological and histo-anatomical traits to obtain species resilient to global changes"  Stay abroad mandatory: 6 months  Project contact person: REALE LARA</p>

<b>Position with scholarship reserved to graduates of foreign Universities</b>	<b>1 (UNIVERSITY)</b>
<b>Curricula</b>	1) Agrofood and animal production; 2) Sustainable production systems and environment;
<b>In agreement with</b>	LEBANESE UNIVERSITY (LEBANON) UNIVERSITY OF LATVIA (LATVIA)
<b>Coordinator</b>	ALBERTINI EMIDIO

### Degrees required for admission

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

### Selection procedure

The selection procedure will be carried out as follows:

#### Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also concern the drafting on the part of the candidates of a research project on one of the topics of the doctoral curricula to be developed over the course of the three years.

**This Research Project** should cover one of the following subjects, pertinent to the PhD curriculum:

With regard to the **"Sustainable production systems and environment" (Sistemi produttivi sostenibili e ambiente) curriculum:**

- a)** Technologies for a sustainable management of water resources in agriculture; Tecnologie per la gestione sostenibile della risorsa idrica in agricoltura.
- b)** Molecular approaches to overcome reproductive barriers and/or find markers linked to resistance genes with the aim of improving crops; Approcci molecolari per migliorare la performance delle piante agrarie attraverso il superamento delle barriere riproduttive e/o l'individuazione di marcatori associati a resistenze.
- c)** Win the challenge against the Tomato Brown Rugose Fruit Virus (ToBRFV); Vincere la sfida contro il Tomato Brown Rugose Fruit Virus (ToBRFV);
- d)** Evaluation of ground-based photovoltaic systems for beekeeping integration and wild pollinator protection; Valutazione di sistemi fotovoltaici a terra per l'integrazione dell'apicoltura e la tutela degli impollinatori selvatici.
- e)** Plants for future: study of the morphological and histo-anatomical traits to obtain species resilient to global changes; Piante per il futuro: studio degli adattamenti morfologici e isto-anatomici finalizzati allo sviluppo di specie resilienti ai cambiamenti climatici.

With regard to the **"Agrofood and animal production" (Produzioni Agroalimentari e Zootecniche) curriculum:**

- a)** Transcriptomic approaches for the study of stress tolerance in crop plants. Trascrittomica per lo studio della tolleranza agli stress nelle piante agrarie
- b)** Multiple summer stresses: physiology and biosolution in *Vitis vinifera* L; Stress multipli estivi: fisiologia e biosolution in *Vitis vinifera* L.
- c)** Irrigation management in hazelnut cultivation for the rational use of water resources; Gestione dell'irrigazione in corilicoltura per la razionale utilizzazione della risorsa idrica.
- d)** Development of digital decision support systems for application of biological control methods in integrated pest management; Sviluppo di sistemi digitali di supporto alle decisioni per l'applicazione di metodi di controllo biologico nella difesa integrata delle colture.
- e)** Sustainable beef cattle production: the contribute of the genomic selection ; Allevamento bovino da carne sostenibile: il contributo della selezione genomica.
- f)** Modulation of gene expression as a response to heat stress in cold-adapted yeasts as a model for studying the ability of eukaryotes to adapt to climate change; Modulazione dell'espressione genica come risposta allo stress termico nei lieviti adattati al freddo quale modello per lo studio della capacità degli eucarioti di adattarsi al cambiamento climatico.

**The Research project, drawn up either in Italian or in English on one of the subjects that are pertinent to the PhD program, as better specified above, must be submitted together with the application.**

The project must include the following: candidate's **first and last name**; **title** of the project; **abstract** (max 200 words); **state of the art** (max 1500 words); **research objectives and expected results** in the three-year period (max 1000 words); **methodological approach** (max 800 words); **bibliographic references**.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

Minimum mark required on evaluation of qualifications in order to be admitted to the interview is **15/30**.

Before the interview, the list of candidates admitted to the interview, indicating the marks obtained on qualifications evaluation ,will be posted online on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not achieve the minimum score on qualifications evaluation will not be admitted to the interview.

**The interview** will focus on themes regarding the subjects included in the PhD curricula and in particular those aspects prepared by the candidate for his/her research project, the candidate's aptitude towards research, his/her availability to engage in periods abroad, as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she presented with the application (form). The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating at its discretion requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be carried out following the above-mentioned modality: **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above-mentioned procedure.

**Eligibility is obtained with a total mark equal to or above 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022.**



**PhD program name:**  
**PHARMACEUTICAL SCIENCES**  
**(INDUSTRIAL PhD)**

<b>Duration</b>	3 years
<b>Position</b>	<b>15</b>
<b>Scholarships</b>	<b>3</b> (UNIVERSITY), <b>1</b> (INTERCEPT PHARMACEUTICALS, INC. – UNITED STATES OF AMERICA) <b>1</b> DEPARTMENT OF PHARMACEUTICAL SCIENCES
<b>Position with scholarship reserved for Project PRO3 - 2021/2023 with stay abroad for n. 6 months (mandatory)</b>	<b>1</b>
<b>Position with scholarship financed on funds under the D.M. 352/2022 with activation subject to the completion of the procedures relating to the payment of the entire amount provided for in the agreement</b>	<b>1 scholarship</b> Project title: “Study of development for new derivatives of the microbial metabolite indole - 3 carboxyde as potential new therapeutic systems” Period at the company ADIENNE PHARMA & BIOTECH SA: 6 months Stay abroad mandatory: 6 months Project contact person: GIOVAGNOLI STEFANO <b>1 scholarship</b> Project title: “Computer-aided discovery of small molecules targeting AKT1 protein” Period at the company Sybilla Biotech SRL: 6 months Stay abroad mandatory: 6 months Project contact person: BARRECA MARIA LETIZIA
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<b>1 scholarship</b> Project title: “Development of nanoparticulate platforms for the delivery of anakinra as a dry powder for the treatment of inflammatory diseases” Period at the company ADIENNE PHARMA & BIOTECH SA: 6 months Stay abroad mandatory: 6 months Project contact person: GIOVAGNOLI STEFANO <b>1 scholarship</b> Project title: “Eco-sustainable production of new formulates based on chlorogenic acids from vegetable wastes for the preparation of new food supplements” Period at the company La Sorgente del Benessere S.r.l.: 6-9 months Stay abroad mandatory: 6 months Project contact person: SARDELLA ROCCALDO
<b>Reserved position for employees of enterprises carrying out highly qualified activities (Industrial PhD)</b>	<b>1</b> (RESERVED FOR EMPLOYEES OF ABOCA S.p.A.) <b>1</b> (RESERVED FOR EMPLOYEES OF APTUIT S.r.l.) <b>1</b> (RESERVED FOR EMPLOYEES OF ITEL TELECOMUNICAZIONI S.r.l.) <b>1</b> (RISERVATO AI DIPENDENTI OF JANSSEN CILAG S.P.A.) <b>1</b> (RISERVATO AI DIPENDENTI OF MAGI’S LAB
<b>Curricula</b>	1. Early phase Drug Discovery 2. Pharmaceutical Technology and Nutraceutical foods

<b>In agreement with</b>	ABOCA S.p.A. APTUIT S.r.l. ITEL TELECOMUNICAZIONI S.r.l. JANSSEN-CILAG S.P.A MAGI'S LAB
<b>Coordinator</b>	MACCHIARULO ANTONIO

### **Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in: 6/S "Biology", 9/S "Medical, Veterinary and Pharmaceutical Biotechnologies", 14/S "Pharmacy and Industrial Pharmacy", 62/S "Chemical Sciences", 69/S "Human Nutrition Sciences", 78/S "Agro-food sciences and technologies";

**Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004 in: LM-6 "Biology", LM-9 "Medical, Veterinary and Pharmaceutical biotechnologies", LM-13 "Pharmacy and Industrial Pharmacy", LM-54 "Chemical Sciences", LM-61 "Human Nutrition Sciences", LM-70 "Food Sciences and Technologies";

**Any University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ('Laurea Specialistica' or 'Laurea Magistrale') above indicated, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30).**

**Evaluation of qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation

The evaluation will also include the drafting, by the candidate, of a research project that is to be developed during the three-year course on themes pertaining to the PhD course curricula; **the research project must be submitted together with the application.**

The interview will concern one of the following themes, chosen by the candidate:

#### **Theme 1:**

Titolo in Italiano:Metodi ed approcci nelle fasi iniziali di progettazione di farmaci.  
Titolo in Inglese:Methods and approaches in early phase drug discovery.

#### **Theme 2:**

Titolo in Italiano:Metodi ed approcci nella tecnologia farmaceutica e nutraceutica alimentare.  
Titolo in Inglese:Methods and approaches in pharmaceutical technology and food nutraceuticals.

Per maggiori dettagli sulle tematiche di ricerca, si consiglia di consultare il sito all'indirizzo: <https://dsf.unipg.it/didattica/alta-formazione/dottorato-di-ricerca>

**The interview** will aim at verifying the candidate's aptitude towards research and his/her availability to carry out periods of research experience abroad. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she submitted with the application. The candidate may choose to be interviewed in English. For interviews held in Italian, the candidate's knowledge of the English language will also be verified.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

The passing score for the interview is **18/30**.

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 36/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:  
LAW**

<b>Duration</b>	3 years
<b>Position</b>	<b>4</b>
<b>Scholarships</b>	<b>2 (UNIVERSITY)</b>
<b>Position with scholarship financed on funds under the D.M. 351/2022 - Public Administration</b>	<b>1 scholarship</b> Project title: "The "useful" simplification: techniques and tools for a public administration citizen -friendly" Period at the company Regione Umbria - assemblea legislativa: 6months Stay abroad mandatory: 6 months Project contact person: GIUSTI ANNALISA
<b>Position with scholarship reserved to graduates of foreign Universities</b>	<b>1 (UNIVERSITY)</b>
<b>Curricula</b>	1. Public law 2. Construction of legal traditions 3. Legal protection of subjective legal situations and competitiveness freedom
<b>In agreement with</b>	UNIVERSIDADE DO VALE DO ITAJAI (BRAZIL) UNIVERSITA' NATIONALE DEL LITORAL (ARGENTINA)
<b>Coordinator</b>	MARELLA MARIA ROSARIA

**Degrees required for admission**

**Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999 in: 1/S "Cultural anthropology and ethnology", 18/S "Theoretical, moral, political and aesthetic philosophy", 21/S "Geography", 22/S "Law", , 54/S "Territorial urban and environmental planning ", 60/S ""International Relations", 64/S "Economic Sciences", 70/S "Political Science", 71/S "Public Administration Science", 83/S "Environmental And Cultural Economic Sciences", 84/S "Business Economics Science", 88/S "Sciences for development cooperation", 89/S "Sociology", 94/S "Contemporary History"; 96/S "History Of Philosophy";97/S "Medieval History";98/S "Modern History"; 99/S "European Studies"; 102/S "Theory And Techniques In Standardization And Legal Information"; LMG/01 "Law";

**Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004 in: LMG/01 "Law", LM-1 "Cultural And Ethnological Anthropology"; LM-48 "Territorial urban and environmental planning", LM-52 "International Relations", LM-56 "Economic Sciences", LM-62 "Political Science", LM-63 "Public Administration Science", LM-76 "Environmental And Cultural Economic Sciences", LM-77 "Business Economics Science", LM-78 " Philosophical Sciences"; LM-80 "Geographical Sciences"; LM-81 "Sciences for development cooperation", LM-84 "Historical Sciences"; LM-88 "Sociology And Social Research", LM-90 "European Studies", LM/SC\_GIUR "Law";

**Any University diploma ('Laurea Vecchio ordinamento')** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master's degrees ( 'Laurea Specialistica' or 'Laurea Magistrale') above indicated, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

**The selection procedure**

**CANDIDATES GRADUATES FROM ITALIAN UNIVERSITIES:**

The selection procedure will be carried out as follows:

**Evaluation of qualifications, written test and interview (out of a total of ninetieths: 30 + 30+30).**

**The evaluation of the qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project (that must be attached to the application form), pertaining to the PhD curriculum and to be developed during the three-year PhD course.

For this reason, the Doctoral Board of Teachers has confirmed the resolution taken in the 08/07/2015 meeting, sanctioning that **the presentation of the Research Project is required for the eligibility of the application (Failure to present the Research Project will entail exclusion).**

The research project, to be developed during the three-year PhD course, must focus on one of the following themes, hereby listed, pertaining to one of the PhD curricula:

-themes concerning COSTRUCTION OF LEGAL TRADITIONS:

- 1) Legal traditions and European Law;
- 2) People's and Property Rights;
- 3) Law and Globalization. Governance of Space and Territory;

- themes concerning PUBLIC LAW:

- 1) Public and Compared Law;
- 2) Constitutional Law;
- 3) Administrative Law;

- themes concerning LEGAL PROTECTION OF SUBJECTIVE LEGAL SITUATIONS:

- 1) Subjective legal situations and fundamental rights and criminal law protection;
- 2) Civil trial and A.D.R.;
- 3) Administrative procedure and trial.

During evaluation, particular merit will be given to projects that aim to satisfy the UN Sustainable Development Agenda 2030 with regard to objectives for gender parity, inequality reduction, sustainable cities and communities, Peace, Justice and healthy institutions.

All qualifications must be submitted according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

The minimum score required in the evaluation of qualifications to be admitted to written test is **18/30**. Before the written test takes place, the list of candidates with the indication of scores obtained in the evaluation of qualifications, will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not meet the above minimum score requirement in qualifications evaluation will not be admitted to the successive written test.

**The written test** will regard subject matter pertaining to the curricula the PhD is composed of, and will take place in presence in a classroom of the Department of Law.

The minimum score for passing the written test is **18/30**.

Candidates who do not meet the above minimum score requirement in written test will not be admitted to the successive interview.

Before the interview, the list of candidates with the indication of scores obtained in the evaluation of qualifications, will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

**The interview** will regard subject matter pertaining to the curricula the PhD is composed of, and, more specifically the aforementioned curricula macro themes (see above) already chosen as subjects for the research project. The interview will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. Please note that the discussion of the Research Project proposal presented, for the evaluation of the candidate's qualifications, together with the application, will be considered as an integral part of the interview.

The candidate may choose to be interviewed in English. For interviews held in Italian the candidate's knowledge of one among the following foreign languages will be tested: English, French, German.

The passing score for the interview is **18/30**.

**Eligibility is obtained with a total mark equal to or above 54/90**

## **WITH REGARD TO THE POSITION RESERVED FOR GRADUATES IN FOREIGN UNIVERSITIES**

### **Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30).**

**The evaluation of the qualifications** will be performed with regard to the candidate's university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also include the drafting, by the candidate, of a research project (that must be attached to the application form), pertaining to the PhD curriculum and to be developed during the three-year PhD course.

For this reason, the Doctoral Board of Teachers has confirmed the resolution taken in the 08/07/2015 meeting, sanctioning that **the presentation of the Research Project is required for the eligibility of the application (Failure to present the Research Project will entail exclusion).**

The **research project**, to be developed during the three-year PhD course, must focus on one of the following themes, hereby listed, pertaining to one of the PhD curricula:

-themes concerning CONSTRUCTION OF LEGAL TRADITIONS:

- 1) Legal traditions and European Law;
- 2) People's and Property Rights;
- 3) Law and Globalization. Governance of Space and Territory;

- themes concerning PUBLIC LAW:

- 1) Public and Compared Law;
- 2) Constitutional Law;
- 3) Administrative Law;

- themes concerning LEGAL PROTECTION OF SUBJECTIVE LEGAL SITUATIONS:

- 1) Subjective legal situations and fundamental rights and criminal law protection;
- 2) Civil trial and A.D.R.;
- 3) Administrative procedure and trial.

During evaluation, particular merit will be given to projects that aim to satisfy the UN Sustainable Development Agenda 2030 with regard to objectives for gender parity, inequality reduction, sustainable cities and communities, Peace, Justice and healthy institutions.

All qualifications must be submitted according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation.

The minimum score required in the evaluation of qualifications to be admitted to the interview is **18/30**. Before the interview, the list of candidates with the indication of scores obtained in the evaluation of qualifications, will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>.

Candidates who do not meet the above minimum score requirement in qualifications evaluation will not be admitted to the successive interview.

**The interview** will regard subject matter pertaining to the curricula the PhD is composed of, and, more specifically the aforementioned curricula macro themes (see above) already chosen as subjects for the research project. The interview will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. Please note that the discussion of the Research Project proposal presented, for the evaluation of the candidate's qualifications, together with the application, will be considered as an integral part of the interview.

The candidate may choose to be interviewed in English. For interviews held in Italian the candidate's knowledge of one among the following foreign languages will be tested: English, French, German.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

The passing score for the interview is **18/30**.

**Eligibility is obtained with a total mark equal to or above 36/60**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

**PhD program name:**

**HUMANITIES**

<b>Duration</b>	3 years
<b>Position</b>	<b>6</b>
<b>Scholarships</b>	<b>3 (UNIVERSITY)</b>
<b>Position with scholarship financed on funds under the D.M. 351/2022 - Public Administration</b>	<p><b>1 scholarship</b> Project title: "CIVITAS. Reactivate citizenship to rethink the territory. Regenerate public institutions to revive the community. In a sustainable way." Period at the company Sostenability: 6 months Stay abroad mandatory: 6 months Project contact person: ALICI LUCA</p> <p><b>1 scholarship</b> Project title: "Enhancing human capital for a sustainable local project: the pivotal role of the school for lifelong education" Period at territorial schools belonging to the State Comprehensive Institute of Narni Scalo (Terni): 6 months Stay abroad mandatory: 6 months Project contact person: MORGANTI ANNALISA</p> <p><b>1 scholarship</b> Project title: "Study for the management of Safety Deposits in phases of emergency for the Cultural Heritage (MiC): Deposito Santo Chiodo of Spoleto (Perugia), Soprintendenza Archeologia Belle Arti e Paesaggio dell'Umbria." Period at the Deposito Santo Chiodo di Spoleto (Soprintendenza Archeologia Belle Arti e Paesaggio dell'Umbria): 12 months Stay abroad mandatory: 6 months Project contact person: MARCELLI FABIO</p>
<b>Curricula</b>	1) Philosophical 2) Pedagogical and psychological 3) Anthropologic-linguistic
<b>In agreement with</b>	UNIVERSITE' CATHOLIQUE DE LION (FRANCE) SCOALA NATIONALE DE STUDII POLITICE SE ADMINISTRATIVE (ROMANIA)
<b>Coordinator</b>	VALORI FURIA

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;

**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;

**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**



**Evaluation of qualifications** will regard the candidate's university education, as well as any further educational and professional experiences, research and any scientific publications. Scientific publications can also be presented in one of the following languages: **Chinese, English, French, Spanish, German and Portuguese** (candidates are advised to attach and/or declare all of the qualifications they have, with all elements that can help in evaluating them, including grades obtained within each course).

The evaluation will also concern the drafting on the part of the candidates of a research project on one of the topics of the doctoral curricula to be developed over the course of the three years. The project can be written in Italian or in one of the following official EU languages: **English, French**.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation; **the research project must be submitted together with the application form**.

The minimum mark required on the evaluation of qualifications in order to be admitted to the interview is **15/30**.

Before the interview, the list of candidates admitted to the interview, indicating the marks obtained on the evaluation of their qualifications, will be posted on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, Candidates who do not obtain the above required score in the qualifications evaluation will not be admitted to the interview.

**The interview** will focus on the subjects included in the research project and in the PhD curricula; it will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she submitted with the application; it is required that the candidate indicate in the application for participation in the competition the choice of one of the curricula in which the doctorate is divided (**in particular for the pedagogical and psychological curriculum, the candidate must also indicate the area pedagogical or psychological**) and present the research project, which will illustrate during the interview, together with the application for participation in the selection.

The candidate may choose to be interviewed in one of the following EU languages: English, French.

For interviews held in Italian there will also be verification of knowledge of a foreign language indicated by the candidate in the application, among the following: English, French, German, Spanish, and Portuguese.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating at its discretion requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 36/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi->

[e-modulistica](#) and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022.**

**PhD program name:  
EARTH SYSTEM AND GLOBAL CHANGES**

<b>Duration</b>	3 years
<b>Position</b>	<b>4</b>
<b>Scholarships</b>	<b>1 (UNIVERSITY)</b>
<b>Position with scholarship financed on funds under the D.M. 352/2022 - cultural heritage</b>	<b>1 scholarship</b> Project title: "Use of biomass ashes in the treatment of expansive clayey soils for sustainable pavement construction." Period at the company PAV.I. SRL, Foligno: 12 months Stay abroad mandatory: 6 months Project contact person: COMODI PAOLA
<b>Position with scholarship financed on funds under the D.M. 351/2022 - cultural heritage</b>	<b>1 scholarship</b> Project title: "Research and conservation strategies for the paleontological heritage: case studies from Umbria" Period at Soprintendenza Archeologia Belle Arti e Paesaggio dell'Umbria (SABAP_UMB): 6 months Stay abroad mandatory: 6 months Project contact person: CHERIN MARCO
<b>Position with scholarship financed on funds under the D.M. 351/2022 - PNRR</b>	<b>1 scholarship</b> Project title: "Assessi large scale ecological responses to climatic change of Central Mediterranean area in the last 2000 years." Period at IRPI CNR e ENEA: 6 months Stay abroad mandatory: 6 months Project contact person: SPINA AMALIA
<b>Curricula</b>	-----
<b>Coordinator</b>	BARCHI MASSIMILIANO

**Degrees required for admission**

**Any Master's degree ('Laurea Specialistica')** in accordance with the ministerial decree D.M. 509/1999;  
**Any Master's degree ('Laurea Magistrale')** in accordance with the ministerial decree D.M. 270/2004;  
**Any University diploma ('Laurea Vecchio ordinamento')** according to the regulations in place before the ministerial decree D.M. 509/1999 came into force.

**Selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will regard the candidate's university education, as well as any further educational and professional experiences, research and any scientific publications (candidates are advised to attach and/or declare all of the qualifications they have, with all elements that can help in evaluating them, including grades obtained within each course). The evaluation will also include the drafting, by the candidate, of a research project to be developed during the three years for the purpose of evaluating the candidate on the themes of PhD course and its objectives: as a suggestion by the Collegio Docenti, a list of topics among which candidate can choose his/her project work, is published on the XXXVIII PhD website. **The research project must be submitted together with the application form.**

The project description must be divided into four sections: Current State of Art, Objectives, Methodologies, Impact, each of the sections shall not be longer than 2.000 characters.

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications ("Bando") and in Appendix 2 to avoid non evaluation;

The minimum mark required on the evaluation of qualifications in order to be admitted to the interview is **12/30**.

Before the interview, the list of candidates admitted to the interview, indicating the marks obtained on the evaluation of their qualifications, will be posted on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>,

Candidates who do not obtain the above required score in the qualifications evaluation will not be admitted to the interview.

**The interview** will focus on the subjects pertaining to the doctoral course and its objectives and will also aim at verifying the candidate's aptitude towards research, his/her availability to spend periods abroad to gain experience as well as his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she presented with the application (form). The candidate may choose to be interviewed in English. For interviews held in Italian there will also be verification of the candidate's knowledge of the English language.

**The interview will be carried out in person. The Commission will evaluate the requests of the candidates to carry out the interview by videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 33/60.**

#### **Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022**.

PhD program name:

**HISTORY, ARTS AND LANGUAGES IN ANCIENT AND MODERN EUROPE**

<b>Duration</b>	3 years
<b>Position</b>	5
<b>Scholarships</b>	3 (UNIVERSITY)
<b>Position with scholarship financed on funds under the D.M. 352/2022 - cultural heritage</b>	<p><b>1 scholarship</b> Project title: “ Paths of knowledge of the industrial heritage aimed at conservation, enhancement and management of areas and monuments of production. The electrical and electrochemical plants in the Terni-Narni area.”                      Period at Comune di Narni: 10 months                      Stay abroad mandatory: 6 months                      Project contact person: COSTANTINI EMANUELA</p> <p><b>1 scholarship</b> Project title: “Usability, communication and security systems in Umbrian museums. Towards the application of a new model of Standard Facility Report.”                      Period at Regione Umbria: 6 months                      Stay abroad mandatory: 6 months                      Project contact person: TEZA LAURA</p>
<b>Curricula</b>	<ol style="list-style-type: none"> <li>1. History and civilizations of the ancient world</li> <li>2. Art and History from Medieval to Modern Times</li> <li>3. Modern and Comparative Literatures</li> </ol>
<b>Coordinator</b>	LIZZI RITA

**Degrees required for admission**

**Master’s degree (‘Laurea Specialistica’)** in accordance with the ministerial decree D.M. 509/1999: 1/S “Cultural anthropology and ethnology”, 2/S “Archaeology”, 5/S “Library Studies and Sciences”, 10/S “Conservation of architectural heritage and environment”, 12/S “Conservation and restoration of cultural heritage”, 13/S “Publishing, multimedia communication and journalism”, 15/S “Philology and classical literature”, 16/S “Modern philology”, 17/S “Philosophy and history of science”, 18/S “Theoretical, moral, political and aesthetic philosophy”, 21/S “Geography”, 24/S “Computer Science for humanities”, 40/S “Italian language and civilisation”, 41/S “African and Asian languages and literatures”, 42/S “Modern European and American languages and literatures”, 43/S “Foreign languages for international communication”, 44/S “Linguistics”, 51/S “Musicology and musical heritage”, 60/S “International relations”, 70/S “Political sciences”, 72/S “Religion studies”, 73/S “Performing arts and multimedia production sciences”, 93/S “Ancient history”, 94/S “Contemporary history”, 95/S “History of art”, 96/S “History of philosophy”, 97/S “Medieval history”, 98/S “Modern history”, 99/S “European studies”, 101/S “Communication theory”, 104/S “Translation of literary and technical texts”;

**Master’s degree (‘Laurea Magistrale’)** in accordance with the ministerial decree D.M. 270/2004: LM-1 “Cultural anthropology and ethnology”, LM-2 “Archaeology”, LM-5 “Library studies and sciences”, LM-10 “Conservation and restoration of cultural heritage”, LM-11 “Conservation of architectural heritage and environment”, LM-14 “Modern philology”, LM-15 “Philology and classical literature”, LM-19 “Editorial system and Information”, LM-36 “African and Asian languages and literatures”, LM-37 “Modern European and American languages and literatures”, LM-38 “Foreign languages for international communication and cooperation”, LM-39 “Linguistics”, LM-45 “Musicology and musical heritage”, LM-52 “International Relations”, LM-57 “Adult and permanent education”, LM-59 “Advertising and business communication”, LM-62 “Political Sciences”, LM-65 “Performing arts and multimedia production”, LM-78 “Philosophy”, LM – 80

“Geography”, LM-81 “Social sciences for co-operation to development”, LM-84 “History”, LM-85 “Educational sciences”, LM-89 “History of art”, LM-90 “European studies”, LM-92 “Communication theory”, LM-93 “Theory and techniques of e-learning and media education, LM/94 “Specialistic translation and interpreting”, LMR/02 “Conservation and restoration of cultural heritage”, LM-14. “Modern philology (A043 qualification)”, LM-37. “Modern European and American languages and literatures (A045 qualification)”, LM-45. “Musicology and musical heritage (A032 qualification)”;

**Any University diploma (‘Laurea Vecchio ordinamento’)** obtained in accordance with regulations in place before the ministerial decree D.M. 509/1999 came into force, deemed equivalent to the Master’s degrees (‘Laurea Specialistica’ or ‘Laurea Magistrale’) indicated above, in accordance with the current regulations on equivalency of qualifications for the purpose of participation in public calls for Applications.

### **Selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**

**Evaluation of qualifications** will be performed with regard to the candidate’s university education, further education, training and research experience as well as to any scientific publication (candidates are advised to attach and/or declare all of their qualifications, along with all the elements that can help in their evaluation, thereby including grades obtained within each course).

The evaluation will also concern the drafting on the part of the candidates of a research project on one of the topics of the doctoral curricula to be developed over the course of the three years.

#### **This Research project must be submitted together with the application.**

All qualifications must be presented according to the conditions described in article 3 of the Call for Applications (“Bando”) and in Appendix 2 to avoid non evaluation.

The minimum score in the evaluation of qualifications for admission to the interview is **18/30**.

Before the interview, the list of candidates admitted to interview, with scores obtained will be published on the website <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>,

Candidates who do not achieve the above minimum score will not be admitted to the interview.

**The interview** will focus on issues relating to the scope of the curriculum chosen by the candidate; for this purpose, the candidate is required to indicate in the application form one of the curricula. The interview will aim at verifying the candidate’s aptitude towards research, his/her availability to carry out periods of research experience abroad and his/her scientific interests. For this purpose, during the interview the candidate must be prepared to illustrate the research project he/she presented with the application. The interview, chosen by the candidate, can be held in English. For interviews held in Italian there will also be verification of the candidate’s knowledge of a foreign language, specified in the application form by the candidate, to be chosen among the following languages: English, French, German, Spanish and Portuguese.

**The interview will be carried out in videoconference, unless the Commission decides to carry it out in presence, evaluating requests from the candidates to hold the interview in videoconference considering the reasons given.**

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

**With regard to the position reserved for graduates in foreign universities**, the selection procedure will be conducted in the same way: **evaluation of qualifications and interview (out of a total of sixty: 30 + 30)**; please refer to the above described procedure.

**Eligibility is obtained with a total mark equal to or above 39/60.**

**Examination date:**

Please be reminded that, as per art. 4 of the Call, on the **17<sup>th</sup> of June 2022** a notice will be posted on the University webpage <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University online bulletin board, which will communicate **the procedures, dates and hours of the convocation**, and any other information concerning the present selection. **Such notice shall have the value of a formal convocation and personal communications in this regard will not be sent.** All candidates for this doctoral course are, therefore, strongly advised to check the **notice of the 17<sup>th</sup> of June 2022..**