

**ANNEX 1 to the Call for Admission to PhD Courses of the XL cycle a.y. 2024/2025 –  
Information on courses and selection methods**

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## **BIOTECNOLOGIE (DOTTORATO INDUSTRIALE)**

**Course Code:** DR201

**Duration:** 3 years

**Places:** 8

### **Including**

- 1 with a scholarship reserved for graduates from foreign universities
- 2 with university scholarships
- 1 Progetto PRO3 - 2021/2023 scholarship with a 6-month mandatory stay abroad
- 1 scholarship funded by D.M. 630/2024, conditional on the finalization of the co-funding agreement by companies, titled: "Identification of molecular mechanisms and therapeutic vulnerabilities in acute leukemias with NUP98 gene rearrangement"
  - Company stay: Bios-Therapy Physiological Systems for Health S.p.A.: 6 months
  - Mandatory stay abroad: 6 months
  - Project coordinator: Dr. Danika Di Giacomo
- 1 scholarship titled: "New therapeutic strategies to combat antimicrobial resistance"
  - Company stay: Molecular Horizon s.r.l.: 12 months
  - Mandatory stay abroad: 6 months
  - Project coordinator: Prof. Claudia Monari

### **Reserved Places for Company Employees in High-Qualification Activities (Industrial PhD)**

- 1 place reserved for employees of the Istituto Zooprofilattico of Umbria and Marche "Togo Rosati"
- 1 place reserved for employees of the Azienda Sanitaria Universitaria Friuli Centrale Udine Italy

### **Curricula**

1. Medical Biotechnology
2. Molecular and Industrial Biotechnology
3. Biomaterials and Biodevices

### **In collaboration with**

- Istituto Zooprofilattico Sperimentale of Umbria and Marche "Togo Rosati"
- USL 2 Umbria
- Azienda Sanitaria Universitaria Friuli Centrale Udine Italy

**Research Project** Mandatory

**Coordinator** Prof. Gianluigi Cardinali

**Required Degrees for Admission**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection Procedure** The selection procedure will be conducted as follows:

- Evaluation of qualifications and interview (out of 60: 30 + 30)
- Evaluation of university training and any additional training, professional and research experiences, and scientific publications
- Evaluation of a research project proposal relevant to the PhD course
- Minimum score for qualification evaluation: 15/30
- Publication of the list of candidates admitted to the interview and their scores on the university website
- Interviews will be conducted via videoconference for foreign candidates and those with medical certificates
- The interview will focus on the course curricula, research project, research aptitude, willingness to undertake experiences abroad, and scientific interests
- Interviews can be conducted in English upon candidate's choice
- Minimum interview passing score: 21/30
- Overall eligibility: 36/60

#### **Qualification Evaluation Criteria**

- Up to 30 points
- Academic training up to 7 points
- Additional training and professional/research experience up to 2 points
- Publications up to 1 point
- Research project up to 20 points, assessed based on scientific quality and research aptitude

#### **Interview Evaluation Criteria**

- Knowledge of the subject, clarity, research aptitude, willingness to undertake experiences abroad, and scientific interests
- Maximum score: 30 points

## **DIRITTO DEI CONSUMI**

**Course Code:** DR202

**Duration:** 3 years

**Places:** 4

### **Including**

- 2 with scholarships reserved for graduates from foreign universities
- 1 scholarship funded by D.M. 629/2024 - Public Administration titled: "Anti-money laundering, digitization, and consumer client protection in liberal professions"
  - Company stay: Order of Chartered Accountants and Accounting Experts of Terni Province: 6 months
  - Mandatory stay abroad: 12 months
  - Project coordinator: Prof. Lorenzo Mezzasoma
- 1 scholarship funded by D.M. 630/2024, conditional on the finalization of the co-funding agreement by the company, titled: "Sociality, sustainability, and value creation"
  - Company stay: GSA Company Services Management Srl: 9 months
  - Mandatory stay abroad: 12 months
  - Project coordinator: Prof. Francesca Picciaia

**Curricula** None

**Research Project** Mandatory

**Coordinator** Prof. Lorenzo Mezzasoma

### **Required Degrees for Admission**

- LMG/01 "Master's degrees in Law"
- LM-77 "Economic and Business Sciences"
- 22/S "Law"
- 84/S "Economic and Business Sciences"
- LMG/01 "Law"
- Graduates in Law and Economics (pre-reform)
- Foreign degree relevant to the above mentioned degrees

**Selection Procedure** The selection procedure will be conducted as follows:

- Evaluation of qualifications and interview (out of 60: 30 + 30)
- Evaluation of university training, additional training, professional and research experiences, scientific publications, and a three-year research project relevant to the PhD themes
- Minimum score for qualification evaluation: 15/30
- Publication of the list of candidates admitted to the interview and their scores on the university website

- Interviews can be conducted in Italian, Spanish, or English, as chosen by the candidate
- Interviews will be conducted via videoconference for foreign candidates
- Minimum interview passing score: 21/30
- Overall eligibility: 36/60

## ECONOMIA – ISTITUZIONI, IMPRESE E METODI QUANTITATIVI

**Course code:** DR203

**Duration:** 3 years

**Places:** 3

### Including

- 1 with scholarships reserved for graduates from foreign universities
  - 1 scholarship funded by D.M. 630/2024 Public Administration titled “Technological innovation and currencies digital: economic-financial analysis in market making perspective”
- Period at the company: Cryptosmart Spa: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Francesco Bartolucci

### Curricula

- 1 Economy and institutions
- 2 Economy and business
- 3 Quantitative methods for economics

**Research Project** Mandatory

**Coordinator** Prof.ssa Figa' Talamanca Gianna

### Degrees required for admission

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### Method of carrying out the selection procedure

The selection procedure will be carried out according to the following methods:

Evaluation of qualifications and interview (out of sixtieth: 30 + 30).

The evaluation of qualifications will concern the university educational path, as well as any further training courses and professional and research experiences and any scientific publications.

The evaluation will also concern the candidates' preparation of a project research, of their choice, lasting three years, on one of the topics of the curricula in which they are articulates the doctorate relevant to the Course.

The minimum score required in the evaluation of qualifications to be eligible for the interview is equal to 15/30.

Before the interview takes place, it will be published on the University website

at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-diricerca/bandi-avvisi-e-modulistica>, the list of candidates admitted to the interview, with the indication of the score obtained in the evaluation of qualifications.

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

The interview will focus on the topics of the curricula in which the doctorate is divided and will be also aimed at verifying the aptitude for research and the availability to carry out experiences abroad and the candidate's scientific interests.

To this end, the candidate is required to prepare a project proposal research to be presented together with the application to participate in the selection, which the candidate will proceed to explain during the interview.

The interview, at the candidate's choice, can be held in English. For interviews taken in Italian, knowledge of the English language will be assessed.

The interview will be carried out via videoconference/presence

The minimum score to pass the interview is 21/30.

Eligibility is achieved with an overall rating equal to or greater than 36/60.

The Selection Committee, before starting the selection procedures, identifies the criteria and the methods for assigning test scores.

**Interview diary** On 25 June 2024 it will be published on the University website at

<https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-omodulistica> and in the University's online noticeboard, a notice with which the dates and times of the meeting or any other communication concerning this selection. This diary is valid as a formal invitation and will not be sent personal communications in this regard.

The candidate's failure to show up for the selective tests (or failure to connect by the same on the day and time of the interview in case of telematic method) will be equivalent to an implicit renunciation of participation in the selection, whatever the cause.

## **EDUCAZIONE ALLA LETTURA, EFFETTI E BENEFICI DELLA LETTURA E DELLA LETTURA AD ALTA VOCE**

**Course code** DR224

**Duration:** 3 years

**Places:** 4

### **Including**

- 1 scholarship from University of Bologna
- 1 scholarship from the University of Modena and Reggio Emilia
- With scholarships financed by funds a apply to the Ministerial Decree 630/2024 with activation subordinate to finalization of the agreement relating to co-financing from part of the company
  - 1 scholarship entitled: "Reading aloud as equitable practice for contrast, prevention and intervention on school dropout"
  - Period at the Fondazione per la Scuola company of the Compagnia San Paolo: 6 months
  - Mandatory stay abroad: 6 months
  - Project contact: Prof. Federico Batini

**Curricula** None

**Research Project** Mandatory

**In agreement with** the University of Bologna, University of Modena and Reggio Emilia

**Coordinator** Prof. Batini Federico

### **Degrees required for admission**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### **Method of carrying out the selection procedure**

The selection procedure will be carried out according to the following methods

Evaluation of qualifications and research project and interview (out of sixtieth: 30 + 30). Evaluation of qualifications, beyond the university educational path, as well as any further training courses and professional and research experiences and any



specific scientific publications with respect to the doctorate, will concern the elaboration from part of the candidates of a finalized research project of their choice, lasting three years exclusively to the evaluation of the candidate on one of the topics in which the doctorate or one of the specific topics to which the co-financed scholarships are linked. It is specified that only qualifications consistent with the topics of the doctorate or of will be evaluated methodological interest for the doctorate itself.

With a score lower than 15 it will not be possible to access the interview.

Before the interview takes place, it will be published on the University website

at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-diricerca/bandi-avvisi-e-modulistica>, the list of candidates admitted to the interview, with the indication of the score obtained in the evaluation of qualifications.

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

The interview will be carried out in person, via videoconference only with the authorization of the commission or, for all, upon decision of the same for organizational reasons in the presence of a significant number of candidates. The interview will also focus on technical insights and methodological, on the research topics in which the doctorate is divided as well as detailed in your presentation and will also be aimed at verifying your aptitude for research, of the availability to carry out experiences abroad and of the scientific interests of the candidate. The candidate's preparation of a research project proposal to be submitted together with the application for participation in the competition, which will be evaluated among the titles, will constitute the start of the interview.

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

For interviews held in Italian, knowledge of the language is assessed English language

The minimum score to pass the interview is 21/30

Eligibility is achieved with an overall rating equal to or higher than 36/60

### **Evaluation of qualifications and interview**

University educational path, up to a maximum of 4 points, recognizing the grade of

Degree, (if consistent degree):

Grade equal to 110/110 with honors and 110/110: 4 points

Score from 109/110 to 107/110: 3 points

Score from 106/110 to 104/110: 2 points

Score from 103/110 to 100/110: 1 points

Grade lower than 100/110: 0 points

For candidates who obtain the qualification required for admission after the deadline

announcement, for which it is not possible to evaluate the degree grade, the average will be evaluated curriculum of the exams taken, recognizing up to a maximum of 4 points, according to the scheme relating to the degree grade previously reported; for this purpose the average score curriculum, multiplied by 110 and divided by thirty, is rounded to the nearest whole number.

Further training courses and professional and research experiences

Only professional and research experiences and training courses will be evaluated

are relevant to the research path envisaged by this doctorate. The experiences or the

training courses must also be correctly declared and documented by candidates and must not last less than six months.

Up to a maximum of 11 points are awarded for further training courses and experiences

relevant professionals and research, recognizing:

- up to 3 points for each experience in scientific research in related areas to reading education, to the promotion of reading, to the evaluation of effects and benefits of reading and reading aloud, researching experimental linked to reading (research grants and scholarships will be evaluated or scholarships for research projects, structured and documentable collaboration research) or research experiences, however referring to the human sciences, which are of particular methodological interest; up to 3 points for each experience of more than 6 months; up to 2 points for each professional experience

in the context of teaching specific and not generic reading only if relevant (example: continuous and non-occasional experiences of animation of reading groups, training of educational staff on reading, systematic meetings on reading, organization of educational activities to support reading aloud, promoting reading, reading education,

while language teaching experience will not be considered relevant Italian literature in the education system: 2 points for each experience different, each exceeding 6 months in duration. This area can reach overall 9 points;

- up to 1 point for each further training course specifically related to

reading, reading education, narrative methods, research in science qualitative or quantitative human beings (such as: first and second level master's degrees, relevant specialization, other documented courses, with final exam and certification and lasting more than 6 months): up to 1 point for each path, for a maximum of points 2.

Publications - A score will be given to any publications, only if made available from the candidates and if consistent with the topics of the doctorate, up to a maximum of 4 points for publications relating to the topics specified above, recognizing:

- to every publication of excellent quality, in terms of scientific depth and editorial relevance, 2 points;

- with each good quality publication, under the profile of scientific depth and editorial relevance, 1 point;

- every publication of sufficient quality, in terms of scientific depth and editorial relevance, 0.5 points.

**Research project** A score will be assigned to the research projects produced together with the application: up to a maximum of 11 points, recognizing: - al excellent quality research project, in terms of scientific depth and aptitude for research, up to 11 points; - to a good quality research project, in terms of scientific depth and aptitude for research, up to 8 points; - to the research project of sufficient quality, in terms of scientific depth and of aptitude for research, up to 5 points.) The overall evaluation of the qualifications, in thirtieths, is accompanied by a synthetic reasoned judgement.

### **Evaluation of the interview**

The interview will focus on questions asked to candidates on the topics of the curricula in which the doctorate is structured with technical and methodological insights. The interview will be also aimed at verifying the aptitude for research and the availability to carry out experiences abroad and the candidate's scientific interests.

At the candidate's choice, the interview can be held in English.

Knowledge assessment is required for interviews held in Italian or the ENGLISH language.

The interview is reserved for a maximum score of 30 points; the same will be understood passed due to the achievement of an overall mark of no less than

21/30

Criteria for the overall evaluation of the interview: knowledge of the subject;

clarity of presentation; aptitude for research, technical methodological competence;

ability to justify the choices made to draw up one's project,

availability for the commitments foreseen by the doctorate, scientific interests of the candidate. In particular, the scores will be assigned on the basis of the following graduation overall evaluation, as a result of the application of the above criteria: 30/30:

excellent profit in relation to the above criteria

29/30: almost excellent profit in

in relation to the above criteria 28/30: more than excellent profit in relation to the criteria  
above 27/30: excellent profit in relation to the above criteria 26/30: profit  
distinct in relation to the above criteria 25/30: profit almost distinct in relation to  
above criteria 24/30: very good profit in relation to the above criteria  
23/30: good profit in relation to the above criteria 22/30: more than profit  
sufficient in relation to the above criteria 21/30: sufficient profit in relation to  
above criteria 20/30: slightly insufficient profit in relation to the above criteria  
above 19/30: insufficient profit in relation to the above criteria 18/30: profit  
seriously insufficient in relation to the above criteria 17/30: low profit in  
in relation to the above criteria 16/30: deficient profit in relation to the above criteria  
15/30: Profit severely lacking in relation to the above criteria

**Interview diary:** On 25 June 2024 it will be published on the University website at

<https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-emodulistica> and in the University's online noticeboard, a notice with which the dates and times of the meeting or any other communication concerning the this selection. This diary is valid as a formal invitation and will not be sent personal communications in this regard.

The candidate's failure to show up for the selective tests (or failure to connect by the same on the day and time of the interview in case of telematic method) will be equivalent to an implicit renunciation of participation in the selection, whatever the cause.

## ENERGIA E SVILUPPO SOSTENIBILE (DOTTORATO INDUSTRIALE)

**Duration:** 3 years

**Places:** 8

### Including

- n.1 scholarship from PRO3 Project Scholarship- 2021/2023 with obligation of residence abroad for n. 6 months
- n.1 scholarship with scholarship reserved for university graduates foreign
- With funded scholarships on funds to be drawn on DM 630/2024 with activation subordinate to improvement of convention relating to co-financing from part of the businesses
  - 1 scholarship entitled: “Innovative strategies and technologies for optimizing energy use and reducing impact environmental in the industrial sector”

Period at the Umbragroup Spa company: 18 months

Mandatory stay abroad: 6 months

Project contact: Prof. Elisa Moretti

- 1 Scholarship entitled: Personalized Environmental Wellbeing: La New Frontier of Comfort and Productivity with Benefits in Buildings

Period at the Elettrica Valeri Srl company: 9 months

Mandatory stay abroad: 6 months

Project contact: Prof. Anna Laura Pisello

- Seats reserved for company employees engaged in activities high qualification (industrial doctorate)
  - 1 place reserved for employees of the NUOVO PIGNONE company TECNOLOGIE S.R.L.
  - 1 place reserved for employees of the company AGRICOLUS S.R.L.

### Curricula

1 – Energy and environmental well-being

2 – Energy, agricultural and territorial resources

**In agreement with:** 1- NUOVO PIGNONE TECNOLOGIE S.R.L. 2- AGROCOLUS S.R.L.

**Coordinator** Prof. Nicolini Andrea

## **Degrees required for admission**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

## **Method of carrying out the selection procedure**

The selection procedure will be carried out as follows: Evaluation of qualifications and interview (out of sixtieth: 30 + 30).

The evaluation of qualifications concerns the university educational path, as well as any further training courses and professional and research experiences and any scientific publications.

The interview will focus on the topics of the curricula in which the doctorate is divided.

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

For interviews held in Italian, knowledge of the language is assessed English language

The interview will be carried out via video conference.

The minimum score to pass the interview is 21/30.

Eligibility is achieved with an overall rating equal to or greater than 30/60.

University educational path up to a maximum of 18 points, recognizing:

to the degree mark, up to a maximum of 10 points, as assigned below:

Grade equal to 110/110 with honors: 10 points

Score equal to 110/110: 9 points

Score equal to 109/110: 8 points

Score equal to 108/110: 7 points

Score equal to 107/110: 6 points

Score equal to 106/110: 5 points

Score equal to 105/110: 4 points

Score equal to 104/110: 3 points

Score from 100/110 to 103/110: 2 points

Score from 95/110 to 99/110: 1 points

Grade lower than 100/110: 0 points

For candidates who have not yet obtained the qualification required for admission, for i

for which it is not possible to evaluate the degree grade, the curricular average of the exams will be evaluated exams taken, recognizing up to a maximum of 9 points, according to the relevant scheme to the degree grade previously reported; for this purpose the average curricular grade, multiplied by 110 and divided by thirty, it is rounded to the nearest whole number.

**Degree thesis**, up to a maximum of 8 points for a relevant degree thesis, recognizing:

1. a degree thesis of excellent quality, in terms of scientific depth, 8 points;
2. a degree thesis of excellent quality, in terms of scientific depth, 6 points;
3. for a degree thesis of good quality, in terms of scientific depth, 4 points;
4. a degree thesis of sufficient quality, in terms of scientific depth, 2 points.

Additional training courses and professional and research experiences up to a maximum of 7 points for further training courses and relevant professional and research experiences, recognizing:

1. for any relevant professional experience in teaching, up to one

maximum of 1 point; in particular:

- tutoring: 0.2 points every 6 months of tutoring activity;
- contract professor: 1.0 points each year of the contract;
- support teaching activity: 0.2 points every 6 months of support activity;
- teacher in training: 0.2 points each course;

2. for any relevant professional experience in the field of scientific research, up to to a maximum of 4 points; in particular:

- research grant: 1 point each year; for research grants not yet completed 0.5 points every 6 months;
- scholarship for research projects: 0.3 points each year;
- specialization school: 1.0 points each year;

- relevant doctoral qualification: 3.0 points for each doctoral qualification;
- 3. for each further relevant training course, up to a maximum of 2 points; in particular:
  - professional qualification: 0.2 points for each qualification;
  - relevant training and/or specialization course: 0.2 points each course;
  - level II master's degree: 1.0 point for each master's degree.

**Publications** up to a **maximum of 5 points** for relevant publications, recognizing:

- for each publication in a refereed journal, 1.5 points;
- for each chapter publication in a book, 1.0 points;
- for each publication in conference proceedings, 0.5 points.

The overall evaluation of the qualifications, out of thirty, is accompanied by a judgement motivated.

### **Evaluation of the interview.**

Criteria for evaluating the interview: knowledge of the subject and clarity of presentation.

In particular, scores will be assigned on the basis of the following graduation overall evaluation, as a result of the application of the above criteria:

- 30/30: excellent profit in relation to the above criteria
- 29/30: almost excellent profit in relation to the above criteria
- 28/30: more than distinct profit in relation to the above criteria
- 27/30: distinct profit in relation to the above criteria
- 26/30: Almost distinct profit in relation to the above criteria
- 25/30: more than good profit in relation to the above criteria
- 24/30: Good profit in relation to the above criteria
- 23/30: Almost good profit in relation to the above criteria
- 22/30: more than sufficient profit in relation to the above criteria
- 21/30: Sufficient profit in relation to the above criteria



20/30: Insufficient profit in relation to the above criteria

19/30: Severely insufficient profit in relation to the above criteria

18/30: Poor profit in relation to the above criteria

17/30: Severely poor profit in relation to the above criteria

16/30: deficient profit in relation to the above criteria

15/30: Profit severely lacking in relation to the above criteria

**Interview diary:** On 25 June 2024 it will be published on the University website at

<https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e->

forms and the University's online noticeboard, a notice with which the dates and times of the meeting or any other communication concerning the this selection. This diary is valid as a formal invitation and will not be sent personal communications in this regard.

The candidate's failure to show up for the selective tests (or failure to connect by the same on the day and time of the interview in case of telematic method) will be equivalent to an implicit renunciation of participation in the selection, whatever the cause.

## **ETICA DELLA COMUNICAZIONE, DELLA RICERCA SCIENTIFICA E DELL'INNOVAZIONE TECNOLOGICA (DOTTORATO INDUSTRIALE)**

**Course code** DR205

**Duration:** 3 years

**Places:** 6

### **Including**

- 1 with scholarships reserved for graduates from foreign universities
- 2 with university scholarships
- Positions reserved for employees of businesses engaged in activities high qualification (doctorate industrial)
  - 2 places reserved for Institute Employees Zooprophyllactic of Umbria and Marche “Togo Rosati”
- n.1 Place reserved for state foreign scholarship holders

### **Curricula**

1 – Humanistic

2 – Scientific – Technological

3 – Medical – Healthcare

**In agreement with** the Zooprophyllactic Institute of Umbria and Marche “Togo Rosé”

**Research project** Mandatory

**Coordinator** Prof. Balboni Giulia

### **Degrees required for admission**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master’s degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Method of carrying out the selection procedure:** The selection procedure will be carried out according to the following methods:

**Evaluation of qualifications and interview (out of sixtieth: 30 + 30).** Evaluation of qualifications and interview (out of sixtieth: 30 + 30).

The evaluation of qualifications concerns the university educational path, as well as any further training courses and professional and research experiences and any scientific publications. The evaluation will also concern the preparation by the candidates of a

research project to be developed over the three-year period on one of the topics relevant to the Course indicated in the selection notice.

**Minimum score required in the evaluation of qualifications: 9/30.**

Before the interview takes place, it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-diricerca/bandi-avvisi-e-modulistica>, the list of candidates admitted to the interview, with the indication of the score obtained in the evaluation of qualifications.

Candidates who do not reach the aforementioned minimum score in the evaluation of qualifications,

they will not be admitted to the interview.

The interview will be carried out by videoconference, unless the Commission decides the completion in person, evaluating the candidates' requests to complete the video conference interview in light of the reasons given. The interview will focus on the topics of the curricula in which the doctorate is divided and will be also aimed at verifying the aptitude for research and the availability to carry out experiences abroad and the candidate's scientific interests. To this end, it is prescribed the preparation by the candidate of a research project proposal to be presented together with the application for participation in the competition, which the candidate will provide explain during the interview

The interview can, at the candidate's choice, be held in English. For interviews held in Italian, knowledge of the language is assessed English language

The minimum score to pass the interview is 21/30

Eligibility is achieved with an overall rating equal to or greater than 30/60

**Criteria for evaluating securities**

University training course, up to a maximum of 8 points, recognizing: to the degree mark up to a maximum of 4 points, as assigned below:

Score equal to 110/110 and 110/110 cum laude: 4 points

Score from 109/110 to 108/110: 3 points

Score from 107/110 to 105/110: 2 points

Score from 104/110 to 100/110: 1 point

Grade lower than 100/110: 0 points.

For candidates who obtain the qualification required for admission after the deadline announcement, for which it is not possible to evaluate the degree grade, the curricular average will be evaluated of the exams taken, recognizing up to a maximum of 3 points, according to the scheme relating to the degree grade previously reported; for this purpose the average score curriculum, multiplied by 110 and divided by thirty, is rounded to the nearest whole number.

Degree thesis, up to a maximum of 4 points for a relevant degree thesis, recognizing:

- a degree thesis of excellent quality, in terms of scientific depth, 4 points;
- a degree thesis of distinguished quality, in terms of scientific depth, 3 points;
- a degree thesis of good quality, in terms of scientific depth, 2 points;
- a degree thesis of sufficient quality, in terms of scientific depth, 1 point.

For candidates who obtain the qualification required for admission after the deadline call, the degree thesis will be evaluated according to the above criteria, only if produced in definitive version with the signature of the Rapporteur.

Further training courses and professional and research experiences, up to a maximum of 4 points for further training courses and relevant professional and research experiences, recognizing:

- for any professional experience in the field of university teaching: contracts tutoring, support or teaching activities: 1 points; it cannot be in this area valued being an expert on the subject;
- for any professional experience in the field of relevant scientific research: research grant, scholarships for research projects, research collaboration, participation in research groups, ownership of research projects, participation in conferences relevant with contribution (oral report, poster or visual documents), activities in associations relevant scientific: 1 points;
- for any further training course: post-university master's course, master's degree I and II relevant level, specialization or post-master's specialization course relevant, qualification to practice a profession: points 2.

Publications, up to a maximum of 4 points for relevant publications, recognizing:

- to every publication of excellent quality, in terms of scientific depth and editorial relevance, 4 points;
- to each publication of distinguished quality, in terms of scientific depth and editorial relevance, 3 points;
- to every publication of good quality, in terms of scientific depth and editorial relevance, 2 points;
- to each publication of sufficient quality, in terms of depth scientific and editorial relevance, 1 point.

**Research project**, up to a maximum of 14 points, recognizing:

- a research project of excellent quality, in terms of scientific depth and aptitude for research, 14 points;
- to the research project of distinguished quality, in terms of scientific depth and aptitude for research, 11 points;
- a good quality research project, in terms of scientific depth and aptitude for research, 8 points;
- a research project of sufficient quality, in terms of scientific depth and aptitude for research, 5 points;

- to the research project of insufficient quality, in terms of depth scientific and research aptitude, 0 points.

### **Evaluation of the interview.**

The interview will also be aimed at verifying the aptitude for research, the availability to carry out experiences abroad and the candidate's scientific interests.

**Criteria for evaluating the interview:** knowledge of the subject; clarity of presentation; aptitude for research, willingness to carry out experiences abroad and scientific interests of the candidate.

In particular, scores will be assigned on the basis of the following graduation overall evaluation, as a result of the application of the above criteria:

30/30: excellent profit in relation to the above criteria

29/30: almost excellent profit in relation to the above criteria

28/30: more than distinct profit in relation to the above criteria

27/30: distinct profit in relation to the above criteria

26/30: Almost distinct profit in relation to the above criteria

25/30: more than good profit in relation to the above criteria

24/30: Good profit in relation to the above criteria

23/30: Almost good profit in relation to the above criteria

22/30: more than sufficient profit in relation to the above criteria

21/30: Sufficient profit in relation to the above criteria

20/30: Insufficient profit in relation to the above criteria

19/30: Severely insufficient profit in relation to the above criteria

18/30: Poor profit in relation to the above criteria

17/30: Severely poor profit in relation to the above criteria

16/30: deficient profit in relation to the above criteria

15/30: Profit severely lacking in relation to the above criteria

**Interview diary:** On 25 June 2024 it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-omodulistica> and in the University's online noticeboard, a notice with which the dates and times of the meeting or any other communication concerning the this selection. This diary is valid as a formal invitation and will not be sent personal communications in this regard. The candidate's failure to show up for the selective tests (or failure to connect by the same on the day and time of the interview in case of telematic method) will be equivalent to an implicit renunciation of participation in the selection, whatever the cause.

## FISICA

Course Code: DR206

Duration: **3 years**

Positions Available: **7**

### Including:

- **Scholarship reserved for graduates from foreign universities: 1**
- **Scholarship from the Department of Physics and Geology: 2 scholarships for the topic "Theoretical, phenomenological, or experimental study of cosmic radiation"**
- **1 scholarship from CNR funds for the topic "Dynamic properties of magnetic nanostructures"**
- **2 scholarships from INFN funds**
- **Scholarships funded by D.M. 630/2024, subject to the completion of the co-financing agreement by the enterprise:**
  - **1 scholarship titled: Green strategy for the valorization of plastic waste in advanced carbon-based nanocomposites and full recovery of raw materials**
  - **Period at the enterprise: Seamthesis Srl: 6 months**
  - **Mandatory overseas stay: 6 months**
  - **Project supervisor: Prof.ssa Silvia Corezzi**

### Curricula:

1. UNIVERSE
2. PHYSICS OF FUNDAMENTAL INTERACTIONS
3. APPLIED AND INTERDISCIPLINARY PHYSICS

**In collaboration with:** National Institute of Nuclear Physics (INFN)

**Research project:** YES, mandatory

**Coordinator:** Prof. Alessandro Paciaroni

### Degrees required for admission:

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection procedure:** The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview** (scoring out of 60: 30 + 30)

The evaluation of qualifications, in addition to the university education, as well as any additional educational paths and professional and research experiences and any scientific publications, will also involve the preparation by the candidates of a three-year research project of their choice, aimed exclusively at assessing the candidate on one of the themes of the curricula in which the

doctorate is structured.

Minimum score required in the evaluation of qualifications: 10/30

Before the interview, the list of candidates admitted to the interview, along with the scores obtained in the evaluation of qualifications, will be published on the University's website at [University of Perugia](#). Candidates who do not reach the minimum score in the evaluation of qualifications will not be admitted to the interview.

The interview will be conducted in person, with the option to choose remote mode if requested. The interview will cover the themes of the doctorate, and will also aim to verify the research aptitude, willingness to undertake experiences abroad, and the scientific interests of the candidate. Candidates are required to prepare a research project proposal to be presented along with the application for the competition, which they will illustrate during the interview. The interview may, at the candidate's choice, be conducted in English. For interviews conducted in Italian, an assessment of English language proficiency is included.

Minimum score to pass the interview: 20/30.

Qualification is achieved with an overall score of 30/60 or higher.

### **Evaluation of qualifications:**

- **University education, up to a maximum of 17 points, recognizing:**
  - Degree score: up to a maximum of 15 points, as attributed below:
    - 110/110 cum laude: 15 points
    - 110/110: 14 points
    - 109/110: 13 points
    - 108/110: 12 points
    - 107/110: 11 points
    - 106/110: 10 points
    - 105/110: 9 points
    - 104/110: 8 points
    - 103/110: 7 points
    - 102/110: 6 points
    - 101/110: 5 points
    - 100/110: 4 points
    - 99/110: 3 points
    - Below 99/110: 0 points
  - For candidates who obtain the required degree after the application deadline, the GPA of exams taken will be evaluated, recognizing up to a maximum of 14 points, according to the following scheme:
    - GPA above 29: 14 points
    - GPA above 28: 13 points
    - GPA above 27: 11 points
    - GPA above 26: 9 points
    - GPA above 25: 6 points
    - GPA above 24: 2 points
    - GPA 24 or below: 0 points
  - Thesis, up to a maximum of 2 points, for the relevance of the thesis to the research areas of the PhD course, as indicated on the website [PhD Physics](#), recognizing:
    - Completely relevant thesis: 2 points

- Partially relevant thesis: 1 point
  - Non-relevant thesis: 0 points
- For candidates who obtain the required degree after the application deadline, the thesis will be evaluated according to the criteria above, only if the final version with the advisor's signature is provided.
- Additional educational paths and professional and research experiences, up to a maximum of 3 points, recognizing:
  - For each period of overseas training and internship of at least 30 continuous days: 0.5 points
  - For each professional experience in teaching (tutoring, support teaching activities): 0.5 points
  - For each professional experience of at least six months in scientific research (research grants, scholarships, and/or contracts): 1 point
  - For each additional educational path (second level university master's degree, specialization diploma, professional qualification): 1 point
  - For each contribution to congresses, schools, and workshops or invited seminars: 0.4 points
  - For each other professional, teaching, and dissemination experience (e.g., training for teachers, dissemination conferences, participation in congresses, schools, and workshops without contribution, international recognition, etc.): 0.2 points
- Relevant publications, up to a maximum of 3 points, recognizing:
  - For each publication in a high-quality peer-reviewed journal, in terms of scientific depth and editorial relevance: 3 points
  - For each publication in a good-quality peer-reviewed journal, in terms of scientific depth and editorial relevance: 2 points
  - For each publication in a sufficient-quality peer-reviewed journal, in terms of scientific depth and editorial relevance: 1 point
  - For each proceedings of congresses and workshops: 1 point
- Research project, up to a maximum of 7 points, recognizing:
  - For an excellent quality research project, in terms of scientific depth and research aptitude: 7 points
  - For a very good quality research project, in terms of scientific depth and research aptitude: 6 points
  - For a good/very good quality research project, in terms of scientific depth and research aptitude: 5 points
  - For a good quality research project, in terms of scientific depth and research aptitude: 4 points
  - For a sufficient/good quality research project, in terms of scientific depth and research aptitude: 3 points
  - For a sufficient quality research project, in terms of scientific depth and research aptitude: 2 points

**Evaluation of the interview:** Criteria for evaluating the interview: knowledge of the subject; clarity of presentation; research aptitude, willingness to undertake experiences abroad, and the candidate's scientific interests. Specifically, scores will be assigned based on the following overall evaluative scale, by applying the criteria mentioned above:

- 30 points: excellent performance according to the criteria mentioned above
- 29 points: almost excellent performance according to the criteria mentioned above



- 28 points: more than distinguished performance according to the criteria mentioned above
- 27 points: distinguished performance according to the criteria mentioned above
- 26 points: almost distinguished performance according to the criteria mentioned above
- 25 points: more than good performance according to the criteria mentioned above
- 24 points: good performance according to the criteria mentioned above
- 23 points: almost good performance according to the criteria mentioned above
- 22 points: fully sufficient performance according to the criteria mentioned above
- 21 points: more than sufficient performance according to the criteria mentioned above
- 20 points: sufficient performance according to the criteria mentioned above
- 19 points: insufficient performance according to the criteria mentioned above
- 18 points: gravely insufficient performance according to the criteria mentioned above
- 17 points: poor performance according to the criteria mentioned above
- 16 points: gravely poor performance according to the criteria mentioned above
- 15 points: lacking performance according to the criteria mentioned above
- 14 points: gravely lacking performance according to the criteria mentioned above

**Interview Schedule:** On June 25, 2024, an announcement will be published on the University's website at [University of Perugia](#) and on the University's online notice board, detailing the dates and times of convocations or any other communication concerning this selection. This schedule serves as formal notification, and no personal communications will be sent in this regard. Failure to appear for the selection tests (or failure to connect on the scheduled day and time in the case of remote mode) will be considered an implicit waiver

## **INGEGNERIA INDUSTRIALE E DELL'INFORMAZIONE (DOTTORATO INDUSTRIALE)**

Course Code: DR207  
Duration: 3 years  
Positions Available: 12

Including:

Reserved Scholarship for graduates from foreign universities: 1  
University Scholarship: 1  
Department of Engineering Scholarship:

- 1 scholarship for the theme "Application of machine learning techniques for resource management in edge environments for future 6G networks"
  - 1 scholarship for the theme "Energy Autonomous IoT Systems"
  - 1 scholarship for the theme "Study of energy and environmental systems based on electrochemical reactors"
  - 1 scholarship for the theme "Development of data analytics and decision support models in management"
- 
- PRO3 Project Scholarships - 2021/2023 with mandatory foreign stay for 6 months: 1
  - Scholarships funded on funds pursuant to D.M. 630/2024 with activation subject to the completion of the co-financing agreement by companies:1
    - Scholarship titled: "Design of modular and scalable millimeter-wave rectennas"  
Company period: Luna Geber Engineering Srl: 12 months  
Mandatory foreign stay: 6 months  
Project referent: Prof. Federico Alimenti
    - 1 Scholarship titled: "Development of CFD fluid-dynamics models for sustainable mobility and energy systems' decarbonization"  
Company period: FLUIDX Srl: 6 months  
Mandatory foreign stay: 6 months  
Project referent: Prof. Michele Battistoni
- 
- Scholarships funded on funds pursuant to D.M. 629/2024 – Public administration with activation subject to the completion of the agreement with the company:
    - 1 Scholarship titled: "ICT technologies for health support"  
Company period: National Inter-University Consortium for Informatics (CINI): 6 months  
Mandatory foreign stay: 6 months  
Project referent: Prof. Paolo Carbone
- 
- Positions reserved for employees of companies engaged in high qualification activities (industrial doctorate):  
2 positions reserved for Employees of RINA CONSULTING CENTRO SVILUPPO MATERIALI

Curricula:

1. Information Engineering
2. Industrial Engineering

In agreement with: RINA CONSULTING CENTRO SVILUPPO MATERIALI

Research project: MANDATORY

Coordinator: Prof. Liotta Giuseppe

**Degrees required for admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection procedure:**

Evaluation of qualifications (out of thirty 30)

Minimum total score from which candidates are deemed suitable: 18/30

**Evaluation of qualifications:**

The evaluation of qualifications concerns the university educational path, any further educational paths, professional and research experiences, and any scientific publications. The evaluation will also consider the candidate's development of a research project to be carried out over the three years on one of the themes relevant to the Course indicated in the selection notice and written in English.

**Criteria for evaluating qualifications:**

University educational path: up to a maximum of 12 points, recognizing:

- Degree grade: up to a maximum of 8 points, as follows:
  - Grade of 110/110 with honors: 8 points
  - Grade of 110/110: 7 points
  - Grade of 109/110: 6 points
  - Grade of 108/110: 5 points
  - Grade of 107/110: 4 points
  - Grade of 106/110: 3 points
  - Grade of 104/110 to 105/110: 2 points
  - Grade of 100/110 to 103/110: 1 point
  - Grade below 100/110: 0 points

For candidates obtaining the required title for admission after the deadline of the notice, where the degree grade cannot be evaluated, the average of the curriculum exams taken will be evaluated, recognizing up to a maximum of 10 points. Specifically:

1. The curriculum average grade rounded to the nearest whole number will be calculated;

2. Up to a maximum of 10 points will be assigned, as follows:

- Average grade of 30: 10 points
- Average grade of 29: 9 points
- Average grade of 28: 8 points
- Average grade between 26 and 27: 7 points
- Average grade between 24 and 25: 4 points
- Average grade below 24: 2 points

For the degree thesis, up to a maximum of 4 points for relevant thesis, recognizing:

- For a thesis of excellent quality, under the scientific depth profile, 4 points;
- For a thesis of good quality, under the scientific depth profile, 2 points;
- For a thesis of sufficient quality, under the scientific depth profile, 1 point.

For candidates obtaining the required title for admission after the deadline of the notice, the degree thesis will be evaluated according to the criteria above, only if produced in the final version with the Supervisor's signature. For candidates obtaining or who will obtain the degree title in foreign universities, the degree grade and average grades will be parameterized respectively in one hundred and tenths and in thirtieths.

**Additional educational paths and professional and research experiences:** up to a maximum of 3 points for additional educational paths and relevant professional and research experiences, recognizing:

- For each relevant professional teaching experience: 1 point;
- For each relevant professional research experience: 3 points for research grants, scholarships, or contracts aimed at research activities of at least one year. Grants, scholarships, and contracts of shorter duration will be evaluated proportionally with rounding to the second decimal place;
- For additional educational paths (such as relevant level II master's, relevant specialization, relevant qualification, participation in relevant conferences, research and development experience in the company): 1 point for each up to a maximum of 3 points.

**Publications:** up to a maximum of 5 points for relevant publications, recognizing:

- For each publication of excellent quality, under the scientific depth profile and editorial relevance, 3 points;
- For each publication of good quality, under the scientific depth profile and editorial relevance, 2 points;
- For all other publications not belonging to the previous categories: up to 1 point in total.

**Research project:** up to a maximum of 10 points, recognizing:

- For a research project of excellent quality, under the scientific depth profile and research aptitude, 10 points;
- For a research project of more than good quality, under the scientific depth profile and research aptitude, 9 points;

- For a research project of good quality, under the scientific depth profile and research aptitude, 8 points;
- For a research project of fair quality, under the scientific depth profile and research aptitude, 6 points;
- For a research project of more than sufficient quality, under the scientific depth profile and research aptitude, 4 points;
- For a research project of sufficient quality, under the scientific depth profile and research aptitude, 2 points;
- For a research project of insufficient quality, under the scientific depth profile and research aptitude, 0 points.

**Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

**INTERNATIONAL DOCTORAL PROGRAM IN CIVIL AND ENVIRONMENTAL ENGINEERING  
(DOTTORATO INDUSTRIALE)**

Code: DR208

Duration: 3 years

Positions Available: 11

Including:

- Reserved Scholarship for graduates from foreign universities: 1  
University Scholarship: 1
- Scholarship from the Department of Civil and Environmental Engineering:  
1 scholarship under the FIS 2021 Advanced Grant SMS-SAFEST - Smart  
Masonry enabling SAFETy-assessing STRuctures after earthquakes (CUP  
J53C23003880001) titled "AI-Enhanced Seismic Monitoring Strategies for  
Masonry Structures with Smart Material Integration"
- PRO3 Project Scholarships - 2021/2023 with mandatory foreign stay for 6  
months: 1
- Scholarships funded by funds pursuant to D.M. 630/2024 with activation  
subject to the completion of the co-financing agreement by companies:
  - 1 Scholarship titled: "Between memory and project: contemporary  
paradigms for sustainable architectural restoration"  
Company period: Advanced Planning Engineering Srl: 15 months  
Mandatory foreign stay: 6 months  
Project referent: Prof. Vittorio Gusella
  - 1 Scholarship titled: "Sustainability of urban green interventions for  
cities resilient to climate change"  
Company period: Green Service Srl: 10 months  
Mandatory foreign stay: 6 months  
Project referents: Prof. Marco Fornaciari da Passano and Prof. Fabio  
Orlandi
- Scholarships funded by funds pursuant to D.M. 629/2024 – Public  
administration with activation subject to the completion of the agreement  
with the company:
  - 1 Scholarship titled: "Active soil resource defense models for local  
authorities"  
Company period: Municipality of Assisi: 6 months  
Mandatory foreign stay: 6 months  
Project referent: Prof. Paolo Belardi
- Positions reserved for employees of companies engaged in high  
qualification activities (industrial doctorate):  
1 position reserved for employees of Tarkett spa  
2 positions reserved for employees of Acegasapsamga spa  
1 position reserved for employees of Rafael Advanced Defense Systems  
Ltd

In agreement with: Tarkett spa, Acegasapsamga spa, Rafael Advanced Defense  
Systems Ltd

Research project: NOT REQUIRED  
Coordinator: Prof. Filippo Ubertini

**Degrees required for admission:**

Specialist Degree in: 3/S “Landscape Architecture”, 4/S “Architecture and Building 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 Land Engineering”, 50/S “Mathematical-Physical Modelling for Engineering”, 61/S “Science and Engineering of Materials”, 62/S “Chemical Sciences”, 82/S “Sciences and Technologies for the Environment and Territory”, 86/S “Geological Sciences”, 103/S “Theories and Methods of Industrial Design”;

Master's Degree in: LM-3 “Landscape Architecture”, LM-4 “Architecture and Building Engineering-Architecture”, LM-4 c.u. “Architecture and Building Engineering-Architecture (five-year program)”, LM-7 “Agricultural Biotechnologies”, LM-8 “Industrial Biotechnologies”, LM-12 “Design”, LM-17 “Physics”, LM-22 “Chemical Engineering”, LM-23 “Civil Engineering”, LM-24 “Building Systems Engineering”, LM-26 “Safety Engineering”, LM-29 “Electronic Engineering”, LM-33 “Mechanical Engineering”, LM-35 “Environmental and Land Engineering”, LM-44 “Mathematical-Physical Modelling for Engineering”, LM-53 “Science and Engineering of Materials”, LM-54 “Chemical Sciences”, LM-69 “Agricultural Sciences and Technologies”, LM-73 “Forestry and Environmental Sciences and Technologies”, LM-74 “Geological Sciences and Technologies”, LM-75 “Sciences and Technologies for the Environment and Territory”;

Degree diploma according to the regulations prior to the implementation of D.M. 509/1999, equivalent to the specialist and master's degrees mentioned above, according to current regulations on equivalence for participation in public competitions.

Foreign degree relevant to the above mentioned degrees

**Selection procedure:**

The selection procedure will be carried out as follows:

Evaluation of qualifications and interview (scored out of sixty: 30 + 30)

The interview will be conducted via videoconference

The minimum score to pass the interview is 21/30

Suitability is achieved with an overall score of 30/60 or higher

**Evaluation of qualifications:**

The evaluation of qualifications will consider the university educational path, any additional educational paths, professional and research experiences, and any scientific publications.

**Criteria for evaluating qualifications:**

Points for the evaluation of qualifications, with a maximum score of 30 points, are awarded as follows:

University educational path, up to a maximum of 14 points, recognizing:

- Degree grade up to a maximum of 9 points, allocated as follows:
  - Grade 110/110 with honors: 9 points
  - Grade 110/110: 8 points
  - Grades from 105/110 to 109/110: 6 points
  - Grades from 100/110 to 104/110: 4 points
  - Grades from 90/110 to 99/110: 2 points
  - Grade below 90/110: 0 points

For candidates obtaining the required title for admission after the deadline of the notice, where the degree grade cannot be evaluated, the average of the curriculum exams taken will be evaluated, recognizing up to a maximum of 7 points, according to the degree grade scheme previously reported; for this purpose, the average grade multiplied by 110 and divided by thirty is rounded to the nearest unit.

For the degree thesis, up to a maximum of 5 points for a relevant thesis, recognizing:

- For a thesis of excellent quality, under the scientific depth profile, 5 points
- For a thesis of good quality, under the scientific depth profile, 3 points
- For a thesis of sufficient quality, under the scientific depth profile, 1 point

For candidates obtaining the required title for admission after the deadline of the notice, the degree thesis will be evaluated according to the criteria above, only if produced in the final version with the Supervisor's signature.

Additional educational paths and professional and research experiences, up to a maximum of 8 points for relevant additional educational paths and professional and research experiences, recognizing:

- For each relevant professional experience in scientific research (research grant, research project scholarships, research contract): 4 points
- For each other relevant experience in scientific research and teaching (research collaboration, teaching assistant or tutor of university courses, participation in conferences): 2 points
- For each relevant educational path (level II master's, specialization, training courses): 2 points
- For each other relevant educational experience (professional qualification, professional certifications): 1 point

Publications up to a maximum of 8 points for relevant publications, recognizing:

- For each publication of excellent quality, under the scientific depth profile and editorial relevance, 3 points
- For each publication of good quality, under the scientific depth profile and editorial relevance, 2 points
- For each publication of sufficient quality, under the scientific depth profile and editorial relevance, 1 point



The overall evaluation of qualifications, out of thirty, is accompanied by a reasoned judgment.

**The interview** will include questions posed to candidates concerning the discussion of qualifications and the topics covered by the doctorate. The interview will also be aimed at verifying the research aptitude, willingness to undertake experiences abroad, and the scientific interests of the candidate. The interview may, at the candidate's choice, be conducted in English. For interviews conducted in Italian, verification of English language proficiency is required. Passages for translation from English will be provided for the interview.

**Criteria for evaluating the interview:**

The interview score, with a maximum value of 30 points, will be awarded based on:

knowledge of the subject; clarity of presentation; research aptitude, willingness to undertake experiences abroad, and the scientific interests of the candidate.

In particular, scores will be awarded based on the following overall evaluative gradation, resulting from the application of the above criteria:

- 30/30: excellent performance in relation to the above criteria
- 29/30: nearly excellent performance in relation to the above criteria
- 28/30: more than distinct performance in relation to the above criteria
- 27/30: distinct performance in relation to the above criteria
- 26/30: nearly distinct performance in relation to the above criteria
- 25/30: more than good performance in relation to the above criteria
- 24/30: good performance in relation to the above criteria
- 23/30: nearly good performance in relation to the above criteria
- 22/30: more than sufficient performance in relation to the above criteria
- 21/30: sufficient performance in relation to the above criteria
- 20/30: insufficient performance in relation to the above criteria
- 19/30: seriously insufficient performance in relation to the above criteria
- 18/30: poor performance in relation to the above criteria
- 17/30: seriously poor performance in relation to the above criteria
- 16/30: lacking performance in relation to the above criteria
- 15/30: seriously lacking performance in relation to the above criteria

**Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## LEGALITÀ, CULTURE POLITICHE E DEMOCRAZIA

**Course Code:** DR209

**Duration:** 3 years

**Positions Available:** 4

### Including:

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarship:** 1
- **With Scholarships funded under D.M. 630/2024, activation subject to the finalization of the co-financing agreement by companies:**
  - 1 Scholarship titled "The impact of artificial intelligence on journalism"  
**Period at the company:** Regional Communications Committee of Umbria: 6 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisor:** Prof. Marco Mazzoni
- **With Scholarships funded under D.M. 629/2024 – Public Administration, activation subject to the finalization of the agreement with the company:**
  - 1 Scholarship titled "Writing, simplifying, translating. Public administrations and pragmatic texts for foreign users"  
**Period at the company:** Municipality of Bastia Umbra: 6 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisor:** Prof. Francesca Piselli

### Curricula:

1. Legality
2. Political Cultures
3. Democracy

**Research Project:** YES, mandatory

**Coordinator:** Prof. Fausto Proietti

### Degrees Required for Admission:

Specialist Degree according to D.M. 509/1999, Master's Degree according to D.M. 270/2004, or Pre-reform Degree (prior to D.M. 509/1999): ALL

### Selection Procedure:

The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview** (out of 60 points: 30 + 30)
  - **Evaluation of qualifications:** The evaluation will consider the university educational path, any additional training paths, professional and research experiences, and any scientific publications. The evaluation will also include the development by candidates of a research project to be developed over the three-year period on one of the topics pertinent to the Course.
    - **Minimum score required in the evaluation of qualifications:** 12/30

Before the interview, a list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications, will be published on the university website at [this link](#). Candidates who do not reach the minimum score in the evaluation of qualifications will not be admitted to the interview.

- **Interview:** The interview will be conducted via videoconference and will focus on the topics of the doctorate. It will also verify the candidate's research aptitude, willingness to undertake experiences abroad, and scientific interests. Candidates are required to prepare a research project proposal to be presented together with the application for the competition, which they will illustrate during the interview.
  - The interview can be conducted in English at the candidate's choice. For interviews conducted in Italian, an assessment of English proficiency will be required; for interviews conducted in English, a basic knowledge of Italian will be assessed.
  - **Minimum score for passing the interview:** 21/30
  - **Eligibility:** Achieved with an overall score of 33/60 or higher

### Evaluation of Qualifications:

- **University Educational Path:** Up to a maximum of 12 points, recognizing:
  - Degree grade: Up to a maximum of 8 points, allocated as follows:
    - Grade 110/110 with honors: 8 points
    - Grade 110/110: 6 points
    - Grade 109/110: 5 points
    - Grade 108/110: 4 points
    - Grade 107/110: 3 points
    - Grade 106/110: 2 points
    - Grade 105/110: 1 point
    - Grade below 105/110: 0 points
  - For candidates who obtain the required degree after the deadline of the call, the average of the exams taken will be evaluated, up to a maximum of 6 points, according to the degree grade scheme previously reported; for this purpose, the average grade, multiplied by 110 and divided by thirty, is rounded to the nearest whole number.
  - **Thesis** (Master's, Specialist, or Pre-reform Degree, only if submitted by the candidates): Up to a maximum of 4 points for a relevant thesis, recognizing:
    - Thesis of excellent quality: 4 points
    - Thesis of good quality: 2 points
    - Thesis of sufficient quality: 1 point
    - For candidates who obtain the required degree after the deadline, the thesis will be evaluated according to the above criteria only if submitted in the final version with the supervisor's signature.
- **Additional Training Paths and Professional/Research Experiences:** Up to a maximum of 4 points for relevant additional training paths and professional and research experiences, recognizing:
  - For each professional experience in relevant teaching (tutoring, support teaching activities, course responsibility at the university level), evaluated

- based on duration and level of direct involvement in the teaching activity: 0.5 to 1.5 points;
- For each professional experience in relevant scientific research (research grant, scholarships for research projects, research collaboration), evaluated based on duration and level of direct involvement in research activity: 1.5 to 2.5 points;
- For each additional training path (relevant second-level master's, relevant specialization, relevant qualification, participation in relevant conferences), evaluated based on duration and relevance: 1 point.
- **Publications:** Up to a maximum of 2 points for relevant publications, recognizing:
  - For each publication of excellent quality: 2 points;
  - For each publication of good quality: 1 point;
  - For each publication of sufficient quality: 0.5 points.
- **Research Project:** Up to a maximum of 12 points, recognizing:
  - Research project of excellent quality: 12 points;
  - Research project of more than distinguished quality: 11 points;
  - Research project of distinguished quality: 10 points;
  - Research project of more than good quality: 9 points;
  - Research project of good quality: 8 points;
  - Research project of more than sufficient quality: 7 points;
  - Research project of sufficient quality: 6 points;
  - Research project of insufficient quality: 5 points;
  - Research project of very insufficient quality: 4 points;
  - Research project of poor quality: 3 points;
  - Research project of very poor quality: 2 points;
  - Research project of inadequate quality: 1 point;
  - Research project of very inadequate quality: 0 points.

### **Evaluation of the Interview:**

The interview will cover:

- The research project presented by the candidate and their scientific/professional curriculum;
- Assessment, based on the project discussion, of the candidate's knowledge of the themes characterizing the Doctorate curricula;

The interview will also aim to verify the candidate's research aptitude, willingness to undertake experiences abroad, and scientific interests.

### **Criteria for Interview Evaluation:**

- Knowledge of the subject;
- Clarity of exposition;
- Research aptitude;
- Willingness to undertake experiences abroad;
- Candidate's scientific interests.

In particular, scores will be assigned based on the following overall evaluative scale, resulting from the application of the above criteria:

- 30/30: Excellent performance
- 29/30: Nearly excellent performance

- 28/30: More than distinguished performance
- 27/30: Distinguished performance
- 26/30: Nearly distinguished performance
- 25/30: More than good performance
- 24/30: Good performance
- 23/30: Nearly good performance
- 22/30: More than sufficient performance
- 21/30: Sufficient performance
- 20/30: Insufficient performance
- 19/30: Severely insufficient performance
- 18/30: Poor performance
- 17/30: Severely poor performance
- 16/30: Deficient performance
- 15/30: Severely deficient performance

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## MEDICINA CLINICA E MOLECOLARE

**Course Code:** DR210

**Duration:** 3 years

**Positions Available:** 7

### Including:

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarship:** 1
- **With Scholarship from the Department of Medicine and Surgery:** 4
- **With Scholarships funded under D.M. 630/2024:**
  - 1 scholarship titled "High-risk acute lymphoblastic leukemia and lymphoblastic lymphoma: genomic profile of the leukemic blast and microenvironment cells for the identification of prognostic markers"  
**Period at the company:** Arrow Diagnostics Srl: 6 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisor:** Dr. Roberta La Starza

### Curricula:

1. Pathology and Clinic of Arteriosclerosis and Aging
2. Neurosciences
3. Surgical Sciences
4. Biotechnology in Hematology, Cell Therapies, and Human Bone Marrow Transplantation
5. Oncological Radiotherapy

**Research Project:** YES, mandatory

**Coordinator:** Prof. Maria Paola Martelli

### Degrees Required for Admission:

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### Selection Procedure:

The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview** (out of 60 points: 30 + 30)

### Evaluation of Qualifications:

- In addition to the university educational path, any additional training paths, professional and research experiences, and any scientific publications, the evaluation will also include the candidates' development of a research project of their choice, aimed exclusively at evaluating the candidate on one of the topics of the Doctorate's curricula, but not necessarily the final project.

- **Minimum score required in the evaluation of qualifications:** 9/30

Before the interview, a list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications, will be published on the university website at [this link](#). Candidates who do not reach the minimum score in the evaluation of qualifications will not be admitted to the interview.

### **Interview:**

- The interview will focus on topics related to the project developed by the candidates for admission.
- The interview will also aim to verify the candidate's research aptitude, willingness to undertake experiences abroad, and scientific interests. Candidates are required to prepare a research project proposal to be presented together with the application for the competition, which they will illustrate during the interview.
- The interview can be conducted in English at the candidate's choice.
- For interviews conducted in Italian, an assessment of English proficiency will be required.
- The interview will be conducted in person; requests for conducting the interview via videoconference will be evaluated based on the reasons provided.
  - **Minimum score for passing the interview:** 21/30
  - **Eligibility:** Achieved with an overall score of 30/60 or higher

The selection committee will identify the criteria and methods for assigning scores to the tests before starting the selection procedures.

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## MEDICINA E CHIRURGIA TRASLAZIONALE

**Course Code:** DR211

**Duration:** 3 years

**Positions Available:** 5

### Including:

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarship:** 2
- **With Scholarships funded under D.M. 630/2024 with activation subject to the finalization of the agreement for co-funding by companies:**
  - 1 scholarship titled "Characterization of new bile acid derivatives in metabolic liver diseases"  
**Period at the company:** Bar Pharmaceuticals Srl: 6 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisor:** Prof. Stefano Fiorucci
  - 1 scholarship titled "Characterization of hybrid molecules targeting RORgT and GPBAR1 receptors in immune-related liver and gastrointestinal diseases"  
**Period at the company:** Bio-Therapeutics Srl: 6 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisor:** Prof. Stefano Fiorucci

### Curricula:

1. Translational Medicine
2. Translational Surgery

**Research Project:** NO

**Coordinator:** Prof. Stefano Fiorucci

### Degrees Required for Admission:

Specialist Degree in: 6/S "Biology", 8/S "Industrial Biotechnology", 9/S "Medical, Veterinary, and Pharmaceutical Biotechnology", 14/S "Pharmacy and Industrial Pharmacy", 26/S "Biomedical Engineering", 46/S "Medicine and Surgery", 69/S "Human Nutrition Sciences";

Master's Degree in: LM-6 "Biology", LM-8 "Industrial Biotechnology", LM-9 "Medical, Veterinary, and Pharmaceutical Biotechnology", LM-13 "Pharmacy and Industrial Pharmacy", LM-21 "Biomedical Engineering", LM-41 "Medicine and Surgery", LM-61 "Human Nutrition Sciences";

Pre-reform Degree (prior to D.M. 509/1999) equivalent to the aforementioned specialist and master's degrees as per current regulations for public competition eligibility.

Foreign degree relevant to the above mentioned degrees

### Selection Procedure:

The selection procedure will be carried out as follows:



- **Evaluation of qualifications and interview:** (out of 60 points: 30 + 30)
- **Eligibility:** Achieved with an overall score of 30/60 or higher

### **Evaluation of Qualifications:**

The evaluation will consider the university educational path, any additional training paths, professional and research experiences, and any scientific publications.

- **Minimum score required in the evaluation of qualifications:** 9/30

Before the interview, a list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications, will be published on the university website at [this link](#). Candidates who do not reach the minimum score in the evaluation of qualifications will not be admitted to the interview.

### **Interview:**

- The interview will cover topics related to the curricula of the PhD program.
- The interview will also aim to verify the candidate's research aptitude, willingness to undertake experiences abroad, and scientific interests. Candidates are required to prepare a research project proposal to be presented together with the application for the competition, which they will illustrate during the interview.
- The interview can be conducted in English at the candidate's choice.
- For interviews conducted in Italian, an assessment of English proficiency will be required.
- The interview will be conducted in person, with the possibility of videoconference for those who explicitly request it.
  - **Minimum score for passing the interview:** 21/30
  - **Eligibility:** Achieved with an overall score of 30/60 or higher

The selection committee will identify the criteria and methods for assigning scores to the tests before starting the selection procedures.

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## MEDICINA E TERAPIE SPERIMENTALI (DOTTORATO INDUSTRIALE)

**Course Code:** DR 225

**Duration:** 3 years

**Positions Available:** 7

### Including:

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarship:** 2
- **With Scholarships funded under D.M. 630/2024 with activation subject to the finalization of the agreement for co-funding by companies:**
  - 1 scholarship titled: "RWE, Big Data, Artificial Intelligence, and Digital Health in Chronic Inflammatory Diseases and Oncology: Current State and New Perspectives"  
**Period at the company:** Sanofi Srl: 18 months  
**Mandatory foreign stay:** 6 months  
**Project Supervisors:** Prof. Roberta Spaccapelo and Dr. Mariangela Amoroso
- **Positions reserved for employees of companies engaged in high-level activities (industrial PhD):**
  - 2 positions reserved for employees of SANOFI S.P.A.
  - 1 position reserved for employees of OM Pharma Sa (Vifor)

### In Agreement With:

- SANOFI S.P.A.
- OM PHARMA SA (VIFOR)

### Curricula:

1. Integrative Biology of Host-Pathogen Interaction
2. Integrated Biological Strategies in Genetic, Immunometabolic, and Oncological Diseases

**Research Project:** YES, mandatory

**Coordinator:** Prof. Roberta Spaccapelo

### Degrees Required for Admission:

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### Selection Procedure:

The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview:** (out of 60 points: 30 + 30)

- **Minimum overall score for eligibility:** 30/60

### **Evaluation of Qualifications:**

The evaluation will consider the university educational path, any additional training paths, professional and research experiences, and any scientific publications. Candidates must also submit a three-year research project in English on a chosen topic related to the PhD curricula, which will be evaluated.

### **Criteria for Evaluation of Qualifications:**

- **University Educational Path:** up to 12 points
  - Degree grade: up to 9 points, awarded as follows:
    - 110/110 with honors: 9 points
    - 110/110: 8 points
    - 109/110: 7 points
    - 108/110: 6 points
    - 107/110: 5 points
    - 106/110: 4 points
    - 104/110 to 105/110: 3 points
    - 100/110 to 103/110: 2 points
    - Below 100/110: 1 point

Degree grades for candidates who graduated abroad will be calculated using different methods based on provided documentation and the country of degree attainment, utilizing the following resources:

2. Annex no. 2 to D.M. no. 859 of May 2, 2019
  3. University Systems Database: available at [this link](#)

For candidates who will obtain the required degree after the application deadline, their cumulative grade point average (GPA) of exams taken will be evaluated, up to a maximum of 9 points. The GPA, multiplied by 110 and divided by 30, is rounded to the nearest whole number.

- **Thesis:** up to 3 points for a relevant thesis, awarded as follows:
  - Highly relevant and high-quality thesis: 3 points
  - Moderately relevant and high-quality thesis: 2 points
  - Sufficiently relevant and high-quality thesis: 1 point

For candidates who will obtain the required degree after the application deadline, the thesis will be evaluated according to the above criteria only if the final version with the supervisor's signature is submitted.

- **Additional Training and Professional/Research Experiences:** up to 4 points for relevant experiences, awarded as follows:
  - Each relevant university teaching experience (tutoring, support teaching, supplementary teaching): 0.5 points
  - Each relevant research experience of at least 3 months (research grants, research project scholarships, research collaborations): 0.5 points per experience, up to 2 points
  - Each relevant additional training (second-level master's, specialization, relevant training courses, relevant international research experience

(Erasmus), attendance of university courses, completion of first or second-level degrees): 0.5 points up to 1.5 points

- **Publications:** up to 4 points for relevant publications, awarded as follows:
  - Each high-quality publication (scientific depth and editorial relevance, IF > 5): 2 points
  - Each good quality publication (scientific depth and editorial relevance, IF 1.5 – 5): 1.5 points
  - Each sufficient quality publication (scientific depth and editorial relevance, IF < 1.5 or no IF): 0.3 points
  - Abstracts presented at national or international conferences: 0.2 points

For non-bibliometric fields, the following scores are recognized:

- Each high-quality monograph: 2 points
- Each good quality scientific article: 1.5 points
- Each good quality book chapter: 0.3 points
- Abstracts presented at national or international conferences: 0.2 points
- **Research Project:** up to 10 points, awarded as follows:
  - High-quality research project (scientific depth and research aptitude): 10 points
  - Nearly high-quality research project (scientific depth and research aptitude): 9 points
  - More than distinct quality research project (scientific depth and research aptitude): 8 points
  - Distinct quality research project (scientific depth and research aptitude): 7 points
  - Nearly distinct quality research project (scientific depth and research aptitude): 6 points
  - More than good quality research project (scientific depth and research aptitude): 5 points
  - Good quality research project (scientific depth and research aptitude): 4 points
  - Nearly good quality research project (scientific depth and research aptitude): 3 points
  - More than sufficient quality research project (scientific depth and research aptitude): 2 points
  - Sufficient quality research project (scientific depth and research aptitude): 1 point

If the project is submitted in Italian, it will still be evaluated, considering this element in the score assignment. The overall evaluation of qualifications, in thirtieths, will be accompanied by a reasoned judgment.

### **Interview:**

- The interview will be conducted in person. For candidates who request it, the interview can be conducted via videoconference.
- The interview will cover the candidate's professional experiences and will also aim to verify the candidate's research aptitude, willingness to undertake experiences abroad, and scientific interests. For this purpose, candidates must prepare a research project proposal in English to be presented with the application, which they will illustrate during the interview.
- The interview can be conducted in English at the candidate's choice.

- For interviews conducted in Italian, an assessment of English proficiency will be required.

### **Interview Evaluation:**

- The interview will include questions to verify the competencies acquired by candidates during their professional experiences in both academic and non-academic settings.
- The candidate will illustrate the research project presented with the application using a PowerPoint presentation not exceeding 5 minutes.
- The interview has a maximum score of 30 points and is considered passed with a minimum score of 21/30.

### **Criteria for Interview Evaluation:**

- Knowledge of the subject matter
- Clarity of exposition
- Research aptitude
- Willingness to undertake experiences abroad
- Scientific interests of the candidate

### **Score Assignment Based on Overall Evaluation:**

- 30/30: Excellent performance
- 29/30: Nearly excellent performance
- 28/30: More than distinct performance
- 27/30: Distinct performance
- 26/30: Nearly distinct performance
- 25/30: More than good performance
- 24/30: Good performance
- 23/30: Nearly good performance
- 22/30: More than sufficient performance
- 21/30: Sufficient performance
- 20/30: Insufficient performance
- 19/30: Very insufficient performance
- 18/30: Poor performance
- 17/30: Very poor performance
- 16/30: Deficient performance
- 15/30: Very deficient performance

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.



## **SANITÀ E SCIENZE SPERIMENTALI VETERINARIE (DOTTORATO INDUSTRIALE)**

**Course Code:** DR214

**Duration:** 3 years

**Positions Available:** 6

**Including:**

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarship:** 2
- **Positions reserved for employees of companies engaged in high-level activities (industrial PhD):**
  - 1 position reserved for employees of the Istituto Zooprofilattico Sperimentale dell'Umbria e Marche
  - 1 position reserved for employees of the Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta
  - 1 position reserved for employees of CDVET RESEARCH SRL

**In Agreement With:**

- ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELL'UMBRIA E DELLE MARCHE "Togo Rosati"
- ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE, LIGURIA E VAL D'AOSTA
- CDVET RESEARCH Srl

**Curricula:**

1. Applied Biotechnology in Veterinary Sciences
2. Veterinary Public Health and Food Hygiene
3. Clinical Sciences and Veterinary Diagnostics

**Research Project:** NO

**Coordinator:** Prof. Beniamino Cenci Goga

**Degrees Required for Admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection Procedure:**

The selection procedure will be carried out as follows:

- **Evaluation of qualifications, written test, and interview:** (out of 60 points: qualifications 10, written test 30, interview 20)

The tests will be conducted in person.

### **Evaluation of Qualifications:**

- University educational path (1 point for 110 with honors, 0.5 points for 110; 0.4 points for grades from 105 to 109; 0.2 points for grades from 99 to 104), any additional training paths and professional and research experiences, and any scientific publications:
  - 1 point for each year of post-graduate course
  - 0.3 points for each publication (only Scopus and WoS)
  - 0.2 points for publications not in Scopus and WoS
  - 0.1 points for participation in national or international conferences.
  - Maximum 10 points

### **Interview:**

- The oral exam score ranges from 20/20 (excellent) to 6/20 (severely deficient) based on knowledge of the subject and clarity of exposition.
- Minimum score for passing the interview is 12/20.

### **Written Test:**

- The written test will focus on a case study drawn at random from three pools of case studies (one pool per curriculum).
- The written test score ranges from 30/30 (excellent) to 12/30 (severely deficient) based on knowledge of the subject and clarity of exposition.
- Minimum score for passing the written test is 18/30.

**Minimum Overall Score for Eligibility:** 36/60

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.



## SCIENZE BIOLOGICHE E NATURALI (DOTTORATO INDUSTRIALE)

**Course Code:** DR215

**Duration:** 3 years

**Positions Available:** 4

**Including:**

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With Scholarships funded under D.M. 630/2024, contingent upon the completion of the co-financing agreement with companies:**
  - 1 Scholarship for the project titled: "Development of an Ultrasound-based Therapy for the Treatment of Glioblastoma Multiforme (GBM)"  
**Period at the company:** ENERGIA AMBIENTE 2050 S.r.l.: 18 months  
**Mandatory foreign stay:** 6 months  
**Project Referent:** Prof. Luigi Catacuzzeno
- **Positions reserved for employees of companies engaged in high-level activities (industrial PhD):**
  - 2 positions reserved for employees of the Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta

**In Agreement With:**

- Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta

**Curricula:**

1. Life Processes and Human Well-being
2. Organism-Environment Interaction

**Research Project:** YES, mandatory

**Coordinator:** Prof.ssa Reborà Manuela

**Degrees Required for Admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection Procedure:**

The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview** (out of 60 points: 30 + 30).

**Minimum Score in Evaluation of Qualifications:** 15/30 to proceed to the interview.

Prior to the interview, a list of candidates admitted to the interview will be published on the university website at <https://www.unipg.it/didattica/percorsi->

[post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica](#), indicating the score obtained in the evaluation of qualifications. Candidates who do not achieve the minimum score in the evaluation of qualifications will not be admitted to the interview.

The interview is considered passed with a score of no less than 21/30. Eligibility is achieved with an overall score of 36/60 or higher.

### **Evaluation of Qualifications:**

In addition to the university educational path, the evaluation includes any additional training paths, professional and research experiences, and any scientific publications. It will also include the candidate's preparation of a three-year research project related to one of the PhD curricula themes, to be evaluated solely for assessing the candidate's suitability.

- **University Educational Path:** Up to 6 points
  - Degree Grade: Up to 3 points
    - 110/110 with honors: 3 points
    - 110/110: 2.5 points
    - 109/110: 2 points
    - 108/110: 2 points
    - 107/110: 1 point
    - 106/110: 1 point
    - 105/110: 0.5 points
    - 104/110: 0.5 points
    - Below 104/110: 0 points
  - For candidates who will obtain the required degree after the application deadline, the average grade of exams taken will be considered. The average grade, multiplied by 110 and divided by 30, is rounded to the nearest unit.
  - For candidates with a degree from a foreign university, the grade conversion system as per MIUR decree n. 859 of 02\_05\_2019 will be used.
  - **Thesis:** Up to 3 points, only if relevant to the PhD themes:
    - Excellent quality: 3 points
    - Good quality: 2 points
    - Sufficient quality: 1 point
    - Insufficient quality: 0 points
- **Additional Training Paths and Professional/Research Experiences:** Up to 2 points
  - Teaching experience, such as tutoring and support activities in relevant subjects: up to 0.5 points
  - Research experience in relevant fields, such as research grants, scholarships for research projects, research collaborations: up to 1 point
  - Additional relevant training, such as II level Master's degrees, specialization schools, professional qualifications: up to 0.5 points
- **Publications:** Up to 2 points for publications in international scientific journals, only if relevant to the PhD themes:
  - Excellent quality: 2 points
  - Good quality: 1 point
  - Sufficient quality: 0.5 points
- **Research Project:** Up to 20 points, recognizing the relevance to one of the PhD curricula themes, scientific depth, clarity of objectives, expected results, feasibility of methodologies and timelines:

- Excellent quality: 20 points
- Very good quality: 15 points
- Good quality: 10 points
- Fair quality: 7 points
- Sufficient quality: 4 points
- Insufficient quality: 0 points

**Interview:**

The interview will be conducted via videoconference, unless the Commission decides to conduct it in person, considering candidates' requests for videoconference based on their provided reasons.

The interview will cover the PhD curricula themes and will also assess the candidate's research aptitude, willingness to undertake international experiences, and scientific interests. Candidates must prepare a research project proposal to be presented during the interview.

The interview can be conducted in English at the candidate's choice.

For interviews conducted in Italian, English language proficiency will be assessed.

**Interview Evaluation Criteria:** Knowledge of the subject, clarity of exposition, research aptitude, willingness to undertake international experiences, and scientific interests of the candidate.

Scores will be assigned based on the following overall evaluation scale, applying the criteria mentioned above:

- 30/30: Excellent performance
- 29/30: Almost excellent performance
- 28/30: More than distinguished performance
- 27/30: Distinguished performance
- 26/30: Almost distinguished performance
- 25/30: More than good performance
- 24/30: Good performance
- 23/30: Almost good performance
- 22/30: More than sufficient performance
- 21/30: Sufficient performance
- 20/30: Insufficient performance
- 19/30: Severely insufficient performance
- 18/30: Poor performance
- 17/30: Very poor performance
- 16/30: Deficient performance
- 15/30: Very deficient performance

**Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case

of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## SCIENZE CHIMICHE (DOTTORATO INDUSTRIALE)

**Course Code:** DR216

**Duration:** 3 years

**Positions:** 5

**Including:**

- **With Scholarship reserved for graduates from foreign universities:** 1
- **With University Scholarships:** 2
- **With Scholarships funded under D.M. 630/2024, contingent upon the completion of the co-financing agreement with companies:**
  - 1 scholarship titled: "Theoretical Study of Protein-Ligand Interactions Using Advanced Computational Techniques"  
Period at the company: FAccTs GmbH: 6 months  
Mandatory foreign stay: 6 months  
Project Referent: Giovanni Bistoni
  - 1 scholarship titled: "Theoretical Study and Design of Sustainable and Highly Selective Catalytic Processes Using Innovative Computational Methodologies"  
Period at the company: FAccTs GmbH: 6 months  
Mandatory foreign stay: 6 months  
Project Referent: Dr. Giovanni Bistoni

**In Agreement With:**

- Master-tec srl
- NOVAMONT SPA

**Curricula:**

1. Spectroscopy, Chemical Kinetics, and Molecular Dynamics
2. Methods and Materials for Catalysis, Energy, Environment, and Cultural Heritage
3. Theoretical Chemistry and Computational Modeling

**Research Project:** YES, mandatory

**Coordinator:** Prof. Filippo De Angelis

**Degrees Required for Admission:**

- Specialist Degree in: Agricultural Biotechnology, Industrial Biotechnology, Medical, Veterinary and Pharmaceutical Biotechnology, Pharmacy and Industrial Pharmacy, Materials Science and Engineering, Chemical Sciences, Industrial Chemistry and Technologies;
- Master's Degree in: Agricultural Biotechnology, Industrial Biotechnology, Medical, Veterinary and Pharmaceutical Biotechnology, Pharmacy and Industrial Pharmacy, Materials Science and Engineering, Chemical Sciences, Industrial Chemistry and Technologies;

- Pre-reform Degree (prior to D.M. 509/1999), equivalent to the above-mentioned Specialist and Master's degrees, as per current regulations regarding equivalence for participation in public competitions.
- Foreign degree relevant to the above mentioned degrees

### **Selection Procedure:**

The selection procedure will be carried out as follows:

- **Evaluation of qualifications and interview** (out of 60 points: 30 + 30).  
The evaluation of qualifications will include the university educational path as well as any additional training paths, professional and research experiences, and any scientific publications.  
The evaluation will also consider the candidates' development of a three-year research project to be conducted within the doctoral program and related to the themes of the curricula and the topics indicated by agreements with companies for DM630 financing:
  - Theoretical Study of Protein-Ligand Interactions Using Advanced Computational Techniques
  - Theoretical Study and Design of Sustainable and Highly Selective Catalytic Processes Using Innovative Computational Methodologies

**Minimum Overall Score for Eligibility:** 36/60

### **Evaluation of Qualifications:**

In addition to the university educational path, the evaluation includes any additional training paths, professional and research experiences, and any scientific publications. Candidates are required to develop a three-year research project proposal, to be evaluated solely for assessing the candidate's suitability within the doctoral program themes.

- **University Educational Path:** Up to 10 points
  - Master's Degree Grade: Up to 6 points
    - 110/110 with honors: 6 points
    - 105-109/110: 5 points
    - 102-104/110: 4 points
    - 99-101/110: 3 points
    - 96-98/110: 2 points
    - 93-95/110: 1 point
    - Below 93/110: 0 points
  - For candidates who will obtain the required degree after the application deadline, the average grade of exams taken will be considered. The average grade, multiplied by 110 and divided by 30, is rounded to the nearest unit.
- **Master's Thesis:** Up to 2 points
  - Excellent quality: 2 points
  - Good quality: 1.5 points
  - Sufficient quality: 1 point
- **Bachelor's Degree Grade:** Up to 2 points
  - 108-110/110 with honors: 2 points
  - 99-107/110: 1 point

- Below 99/110: 0 points
- **Single-cycle Degree:** Up to 8 points
  - 108-110/110 with honors: 8 points
  - 106-108/110: 7 points
  - 103-105/110: 6 points
  - 99-102/110: 5 points
  - 95-98/110: 3 points
  - 92-94/110: 1 point
  - Below 92/110: 0 points
- **Additional Training Paths and Professional/Research Experiences:** Up to 3 points
  - For each professional experience in teaching and relevant to the doctoral program (tutoring, support teaching activities): 1 point
  - For each professional experience in scientific research and relevant to the doctoral program (research grant, scholarships for research projects, research collaboration, internship): 1 point
  - For each additional training path relevant to the doctoral program (second-level Master's degrees and/or specialization schools, relevant specialization, Erasmus placement or related paths abroad, relevant professional qualifications): 1 point
- **Publications and Congress Activities:** Up to 2 points for relevant publications
  - For each publication of good quality in terms of scientific depth and editorial relevance: 1 point
  - For each conference presentation: 0.25 points
- **Research Project:** Up to 15 points
  - Excellent quality: 15 points
  - Very good quality: 14 points
  - Good quality: 12 points
  - Fair quality: 10 points
  - Sufficient quality: 9 points
  - Moderate quality: 7 points
  - Insufficient quality: 5 points

### **Interview:**

The interview will focus on the research project proposed by the candidates and questions related to the themes of the doctoral program.

The interview will also assess the candidate's research aptitude, willingness to undertake international experiences, and scientific interests. Candidates are required to prepare a research project proposal to be presented with their application and discussed during the interview.

Candidates may choose to conduct the interview in English.

For interviews conducted in Italian, English language proficiency will be assessed.

### **Interview Evaluation Criteria:**

Knowledge of the subject, clarity of exposition, research aptitude, willingness to undertake international experiences, and scientific interests of the candidate.

Scores will be assigned based on the following overall evaluation scale, applying the criteria mentioned above:

- 30/30: Excellent performance
- 29/30: Almost excellent performance
- 28/30: More than distinguished performance
- 27/30: Distinguished performance
- 26/30: Almost distinguished performance
- 25/30: More than good performance
- 24/30: Good performance
- 23/30: Almost good performance
- 22/30: More than sufficient performance
- 21/30: Sufficient performance
- 20/30: Barely sufficient performance
- 19/30: Insufficient performance
- 18/30: Severely insufficient performance
- 17/30: Very poor performance
- 16/30: Poor performance
- 15/30: Very poor performance

This completes the translation of the provided text.

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.



## SCIENZE E BIOTECNOLOGIE AGRARIE, ALIMENTARI E AMBIENTALI

Course code DR217

Duration 3 years

Available positions: 7

including

- With scholarship reserved for graduates of foreign universities: 1
- With University Scholarship: 1
- With grants financed from funds under the Ministerial Decree. 629/2024 – PNRR
  - 1 grant entitled: TomatoClima: development of tomato varieties adapted to the future climate  
Period at the company: Southern Seed Srl.: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Emidio Albertini
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 grant entitled: Selection in Italian beef cattle 2.0: the omics approach for meat quality  
Period at the company: Consortium of high-quality beef producers of Italian breeds (CCBI): 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Emiliano Lasagna
  - 1 grant entitled: Local food systems and social innovation  
Period with the company: Associazione Media Valle del Tevere GAL: 12 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Biancamaria Torquati
- Research grants 2 grants of an amount equal to euro 80,000.00 each, as part of the project H2020 Project 101135512 — LegumES: "Valuing and balancing the ecosystem service benefits offered by legumes, and legume-based cropped systems"

curricula

1) Agri-food and livestock production

2) Sustainable production systems and the environment

research project: Compulsory

Coordinator Prof. Albertini Emidio

### **Degrees Required for Admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

**Selection Procedure:**

The selection procedure will be carried out as follows:

Evaluation of qualifications (including presentation of a project) and interview (out of sixtieth: 30 + 30).

The evaluation of the qualifications will concern the university training course, as well as any further training courses and professional and research experiences and any scientific publications and also the preparation by the candidates of a research project of their choice, lasting three years, finalized exclusively to the evaluation of the candidate on one of the topics of the curricula into which the doctorate is divided:

The research project must concern one of the following topics linked to the curricula in which the Doctorate is divided:

**SUSTAINABLE PRODUCTION SYSTEMS AND ENVIRONMENT CURRICULUM**

a) Insect-environment interactions: morphological, electrophiphiological and behavioral investigations. Insect-environment interactions: morphological, electrophysiological and behavioral investigations.

b) Sustainable weed management strategies in herbaceous cropping systems. Sustainable weed management strategies in herbaceous cropping systems.

c) Environmental assessment of crop system interactions with legumes using modeling and assessment of ecosystem services. Environmental assessment of legume-based cropping systems through modeling and ecosystem services assessment.

d) Environmental assessment of crop and production system interactions with legumes using life cycle analysis, modeling and evaluation of ecosystem services. Environmental assessment of legume-based cropping systems and products through agricultural life cycle assessment, modeling and ecosystem services assessment.

PNRR DM 629/2024:

e) TomatoClima: Development of tomato varieties adapted to the future climate. TomatoClima: Development of Tomato varieties adapted to the climate of tomorrow.

**AGROFOOD AND ANIMAL PRODUCTION CURRICULUM**

PNRR DM 630/2024:

f) Local food systems and social innovation. Local food systems and social innovation. In collaboration with the Local Action Group (GAL) Media Valle del Tevere

g) Selection in Italian beef cattle 2.0: the omics approach for meat quality; Omics-driven approaches to enhance meat quality in Italian beef cattle. In collaboration with the Consortium of Producers of Fine Beef of Italian Breeds (CCBI).

A maximum score of 30 points is reserved for the evaluation of qualifications, keeping in mind that, for CANDIDATES WITH GRADUATES FROM ITALIAN UNIVERSITIES and FOREIGN UNIVERSITIES, a minimum score is required in the evaluation itself to access the oral test equal to 15/30 points.

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

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

Scores are assigned as follows.

University educational path, up to a maximum of 10 points:

to the degree mark, up to a maximum of 10 points, as assigned below:

Vote equal to 110/110 and Honors: 10 points  
Vote equal to 110/110: 9 points  
Vote equal to 109/110: 8 points  
Vote equal to 108/110: 7 points  
Vote equal to 107/110: 6 points  
Vote equal to 106/110: 5 points  
Score from 104/110 to 105/110: 4 points  
Score from 100/110 to 103/110: 2 points  
Score less than 100/110: 0 points

For candidates who obtain the qualification required for admission after the deadline for the announcement, for whom it is not possible to evaluate the degree grade, the curricular average of the exams taken will be evaluated, recognizing up to a maximum of 10 points, according to the scheme relating to the degree grade previously reported; for this purpose the average curricular grade, multiplied by 110 and divided by thirty, is rounded to the nearest whole number

Further training courses and professional and research experiences - up to a maximum of 2 points:

for each relevant professional experience in the field of teaching (tutoring, support teaching activities): 1 points;

- for any relevant professional experience in the field of scientific research (research grant, scholarships for research projects, research collaboration, etc.): for a total duration of more than 1 month and less than 12 months, 1 points;

- for any relevant professional experience in the field of scientific research (research grant, scholarships for research projects, research collaboration, etc.): for a total duration equal to or greater than 12 months, 2 points;

- for each further training course (relevant second level master's degree, relevant specialization, relevant qualification, participation in relevant conferences, etc): 0.5 points.

Publications - up to a maximum of 3 points for relevant publications:

for each publication present in the ISI/Scopus databases, 2 points; -

for each publication not present in the ISI/Scopus databases, but of good quality in terms of scientific depth, 1 point; -

for each publication not present in the ISI/Scopus databases, but of sufficient quality in terms of scientific depth, 0.5 points;

for each summary presented as a communication or poster at an international conference, 0.25 points; -

for each summary presented as a communication or poster at a national conference, 0.125 points

Research project - up to a maximum of 15 points:

- a research project of excellent quality, in terms of scientific depth, aptitude for research and a methodological approach consistent with the objectives of the proposed research, 15 points;

- a research project of distinguished quality, in terms of scientific depth, aptitude for research and a methodological approach consistent with the objectives of the proposed research, 12 points;

- a good quality research project, in terms of scientific depth, research aptitude and methodological approach consistent with the objectives of the proposed research, 10 points;

- a research project of reasonable quality, in terms of scientific depth, aptitude for research and a methodological approach consistent with the objectives of the proposed research, 8 points; -

a research project of sufficient quality, in terms of scientific depth, aptitude for research and a methodological approach consistent with the objectives of the proposed research, 6 points;

- a research project of almost sufficient quality, in terms of scientific depth, aptitude for research and a methodological approach consistent with the objectives of the proposed research, 4 points; -

to a research project of insufficient quality, in terms of scientific depth, research aptitude and methodological approach consistent with the objectives of the proposed research, 2 points; -

to a research project of non-evaluable quality, in terms of scientific depth, aptitude for research and methodological approach consistent with the objectives of the proposed research, 0 points.

The interview will be carried out in person. It may be carried out via video conference if expressly requested by the candidate.

The interview will focus on the topics of the curricula in which the doctorate is divided and precisely the same ones indicated for the preparation by the candidates of a research project - the interview will also be aimed at verifying the aptitude for research, the availability to carry out experiences abroad and the candidate's scientific interests. To this end, the candidate is required to prepare a research project proposal to be presented together with the application for participation in the competition, which the candidate will illustrate during the interview.

The interview can, at the candidate's choice, be held in English. - For interviews held in Italian, knowledge of the language: English will be assessed.

The minimum score to pass the interview is 21/30

The interview is reserved for a maximum score of 30 points; the same will be considered passed due to the achievement of an overall mark of no less than 21/30.

Criteria for evaluating the interview: knowledge of the subject; clarity of presentation; aptitude for research, willingness to carry out experiences abroad and the candidate's scientific interests. In particular, scores will be assigned on the basis of the following overall evaluation grading, as a result of the application of the above criteria:

30/30: excellent profit in relation to the above criteria 29/30: almost excellent profit in relation to the above criteria

28/30: more than distinct profit in relation to the above criteria

27/30: distinct profit in relation to the above criteria 26/30: almost distinct profit in relation to the above criteria 25/30: more than good profit in relation to the above criteria

24/30: Good profit in relation to the above criteria

23/30: almost good profit in relation to the above criteria 22/30: more than sufficient profit in relation to the above criteria

21/30: Sufficient profit in relation to the above criteria

20/30: Insufficient profit in relation to the above criteria 19/30: Severely insufficient profit in relation to the above criteria

18/30: Poor profit in relation to the above criteria

17/30: Severely poor profit in relation to the above criteria

16/30: deficient profit in relation to the above criteria 15/30: seriously deficient profit in relation to the above criteria

The minimum overall score from which candidates are judged suitable is 36/60

**Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## SCIENZE FARMACEUTICHE (DOTTORATO INDUSTRIALE)

Course code DR218

Duration 3 years

Available positions: 10

including:

- With scholarship reserved for graduates of foreign universities: 1
- With University Scholarship: 2
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 Grant entitled: Cutting-edge computational approaches to identify small molecules as potential therapeutic agents against cancer  
Period at the company: Innovatune Srl Company: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Maria Letizia Barreca
  - 1 Grant entitled: Analysis of polar lipid extracts from plant waste: study of the effects to preserve health  
Period with the company: Buona Spa Società Benefit: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Elisabetta Albi
- Place reserved in specific international mobility programs 1 place reserved for the winner of the HORIZON-MSCA-2022-DN-01 project, project number 101120283 - PROSTAMET "A Comprehensive Translational Research and Training Pipeline Harnessing Lipid Metabolism to Improve Prostate Cancer Management and Educate Young Researchers in Tackling Complex Disease"
- Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate) 1 place reserved for employees of ITEL TELECOMUNICAZIONI SRL
  - 1 place reserved for TES Pharma employees
  - 1 place reserved for Janssen-Cilag SpA-Cilag SpA employees
  - 1 place reserved for Aboca S.p.A. employees. Agricultural Society

In agreement with MAGI'S LAB, ITEL TELECOMUNICAZIONI S.r.L., Janssen-Cilag SpA-Cilag SpA, TES Pharma, Aboca S.p.A. Agricultural Society

curricula

1) Early Phase Drug Discovery

2) PHARMACEUTICAL TECHNOLOGY AND NUTRACEUTICALS

research project: Compulsory YES

Coordinator Prof. Tabarrini Oriana

### **Degrees Required for Admission:**

Specialist degree in: 6/S "Biology", 8/S Industrial biotechnologies, 9/S "Medical,

veterinary and pharmaceutical biotechnologies”, 14/S “Pharmacy and industrial pharmacy”, 62/S “Chemical sciences”, 69/S “Human nutrition sciences”, 78/S “Agri-food sciences and technologies”; Master's degree in: LM/6 “Biology”, LM/8 Industrial biotechnologies, 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”;

Degree diploma according to the system prior to the entry into force of the Ministerial Decree. 509/1999, equated to the specialist and master's degrees indicated above, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

Foreign degree relevant to the above mentioned degrees

### **Selection Procedure:**

The selection procedure will be carried out as follows:

The selection procedure will be carried out according to the following methods:

Evaluation of qualifications and interview (out of sixtieth: 30 + 30).

The minimum score required in the evaluation of qualifications is 16/30.

Before the interview takes place, it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, l list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

The evaluation of qualifications will concern the university training course, as well as any further training courses and professional and research experiences and any scientific publications. The evaluation will also concern the preparation by the candidates of a research project to be developed over the three-year period on one of the topics relevant to the Course, within the curricula in which the doctorate is divided. For further details on the research topics, we recommend consulting the website at: <https://dsf.unipg.it/didattica/alta-formazione/dottorato-di-ricerca>.

The interview will be in mixed mode (presence and/or videoconference) following evaluation of the candidates' requests to carry out the interview via videoconference in light of the reasons given.

The interview will focus on one of the following topics chosen by the candidate:

Topic 1: Title in Italian: Methods and approaches in the initial stages of drug design. Title in English: Methods and approaches in early phase drug discovery.



Topic 2: Title in Italian: Methods and approaches in pharmaceutical and nutraceutical food technology. Title in English: Methods and approaches in pharmaceutical technology and food nutraceuticals.

The interview will also be aimed at verifying the candidate's aptitude for research, availability to carry out experiences abroad and scientific interests. To this end, the candidate will illustrate, during the interview, the research project proposal presented together with the application to participate in the selection for the purpose of evaluating the qualifications.

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

For interviews held in Italian, knowledge of the English language will be assessed.

The minimum score to pass the interview is 18/30

Eligibility is achieved with an overall rating equal to or greater than 36/60.

Evaluation of qualifications up to a maximum of 30 points

University educational path, up to a maximum of 8 points, recognizing the degree grade as attributed below:

Grade equal to 110/110 with honors: 8 points

Score equal to 110/110: 7 points

Score equal to 108-109/110: 6 points

Score equal to 106-107/110: 5 points

Score equal to 104-105/110: 4 points

Score equal to 102-103/110: 3 points

Score equal to 100-101/110: 2 points

Score equal to 98-99/110: 1 points

Score lower than 98/110: 0 points

For candidates who obtain the qualification required for admission after the deadline for the announcement, for whom it is not possible to evaluate the degree grade, the curricular average of the exams taken will be evaluated, recognizing up to a maximum of 7 points, according to the scheme relating to the degree grade previously reported; for this purpose the average curricular grade, multiplied by 110 and divided by thirty, is rounded to the nearest whole number.

Additional training courses and relevant professional and research experiences up to a maximum of 4 points:

a) for each professional experience in teaching (tutoring, support teaching activities), 0.5 points;

b) for any professional experience in the field of scientific research (research grant, scholarships for research projects, research collaboration), 1 points;

c) for each further training path (relevant second level master's degree, relevant specialisation, relevant qualification, participation in relevant conferences/workshops/courses/schools, post-graduate Erasmus+), 1 points.

Publications up to a maximum of 3 points for relevant publications:

a) for each peer-view publication in international scientific journals, 2 points;

b) for each publication in national scientific journals, 1 point;

c) for each presentation of abstracts at national and international conferences, 1 point.

Research project

Evaluation of the project on the basis of the scientific content, structure and planning of the activities, in relation to the topic presented, up to a maximum of 15 points

Evaluation of the interview up to a maximum of 30 points

The following criteria are established for evaluating the interview:

Knowledge of the subject; clarity of presentation; aptitude for research; availability to carry out experiences abroad and the candidate's scientific interests

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## SCIENZE GIURIDICHE

Course code DR219

Duration 3 years

Available positions: 4

including

- With scholarship reserved for graduates of foreign universities: 1
- With University Scholarship: 1
- With grants financed from funds under the Ministerial Decree. 629/2024 – DIGITAL TRANSITIONS
  - 1 grant entitled: Green Economy, business organization and protection of the worker's person  
Period at the company: Rocchi Law Firm: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Antonio Preteroti and Prof. Stefano Cairoli
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 Grant entitled: The ecological and energy transition between public policies and participatory dynamics  
Period at the company: Legislative Assembly of the Umbria Region: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Annalisa Giusti and Prof. Giorgio Repetto

curricula

1. INTERNAL AND SUPRANATIONAL PUBLIC LAW

2. PERSON, MARKET AND NEW TECHNOLOGIES

3. THEORY, HISTORY AND COMPARISON OF LAW

research project Compulsory YES

Coordinator Prof. Treggiari Ferdinando

Degrees required for admission

Specialist degree in: 1/S “Cultural anthropology and ethnology”, 5/S archiving and library science, 18/S “Theoretical, moral, political and aesthetic philosophy”, 21/S “Geography”, 22/S “Jurisprudence”, 54 /S “Spatial, urban and environmental planning”, 60/S “International relations”, 64/S “Economic sciences”, 70/S “Political sciences”, 71/S “Public administration sciences”, 83/S “Economic sciences for the environment and culture”, 84/S “Economic-business sciences”, 88/S “Sciences for development cooperation”, 89/S “Sociology”, 93/S Ancient history, 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 of standardization and legal information”, “LMG/01 “Jurisprudence, LMG/01 “Jurisprudence”, LM-1 “Cultural anthropology and

ethnology” LM-5 Archiving and library science, LM-48 “Urban and environmental territorial planning”, LM-52 “Relations international studies”, LM-56 "Economic sciences", LM-62 "Political sciences", LM-63 "Public administration sciences", LM-64 Religious sciences, LM-66 Computer security, LM-76 "Sciences economics for the environment and culture", LM-77 "Economic-business sciences", LM-78 "Philosophical sciences", LM-81 "Sciences for development cooperation", LM-84 "Historical sciences", LM- 88 “Sociology and social research”, LM-90 “European Studies”, LM/SC\_criminological sciences applied to investigation and security, LM/SC-GIUR Legal sciences;

Degree diploma according to the system prior to the entry into force of the Ministerial Decree. 509/1999, equated to the specialist and master's degrees indicated above, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

Foreign degree relevant to the above mentioned degrees

Method of carrying out the selection procedure

For candidates graduated from Italian universities, the selection procedure will be carried out as follows:

Evaluation of qualifications and project, written test and interview (in ninetieths: 30 + 30 + 30).

The evaluation of the qualifications, in addition to the university training course, any further training courses, professional and research experiences and any scientific publications, will also concern a three-year research project, developed and presented by each candidate, which focuses on a of the following topics of the curricula in which the doctorate is divided:

1) INTERNAL AND SUPRANNATIONAL PUBLIC LAW

- Public Law
- Civil and criminal procedural law
- International and European Union law

2) PERSON, MARKET AND NEW TECHNOLOGIES

- Rights of the person
- Commercial and labor law
- Law of new technologies

3) THEORY, HISTORY AND COMPARISON OF LAW

- History of law
- Philosophy and sociology of law
- Comparative law

Minimum score required in the evaluation of qualifications: 18/30

Before completing the written test it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, the list of candidates admitted to the test, with an indication of the score obtained in the evaluation of qualifications.

Candidates who do not reach the aforementioned minimum score in the evaluation of qualifications will not be admitted to take the written test.

The written test will be carried out in person at the Department of Law of the University of Perugia

The minimum score required to pass the written test (which only candidates with degrees in Italy take) is 18/30

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

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

The interview will be carried out in the presence or, at the request of the candidate and on the basis of his motivations, which the examination commission will evaluate, by videoconference

It will focus on the topics of the curricula in which the doctorate is divided and will also be aimed at verifying the candidate's aptitude for research, scientific interests and availability to carry out experiences abroad; to this end, the candidate is required to prepare a research project proposal to be presented together with the application for participation in the competition and which the candidate will illustrate during the interview.

The interview can, at the candidate's choice, be held in English;

For interviews held in Italian, knowledge of the language, either English, Spanish, French or German, will be assessed, at the candidate's choice.

The minimum score to pass the interview is 18/30.

Eligibility is achieved with an overall rating equal to or higher than 54/90.

With reference to the place reserved for graduates of foreign universities, the selection procedure will be carried out according to the following method:

Evaluation of qualifications and interview (out of sixtieth: 30 + 30).

The evaluation of the qualifications, in addition to the university training course, any further training courses, professional and research experiences and any scientific publications, will also concern a three-year research project, developed and presented by each candidate, which focuses on a of the following topics of the curricula in which the doctorate is divided:

1) INTERNAL AND SUPRANNATIONAL PUBLIC LAW

- Public Law
- Civil and criminal procedural law
- International and European Union law

2) PERSON, MARKET AND NEW TECHNOLOGIES

- Rights of the person
- Commercial and labor law
- Law of new technologies

3) THEORY, HISTORY AND COMPARISON OF LAW

- History of law
- Philosophy and sociology of law
- Comparative law

The minimum score required in the evaluation of qualifications: 12/30 for candidates who graduated abroad

Before the interview takes place, it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, l list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

The interview will be carried out in the presence or, at the request of the candidate and on the basis of his motivations, which the examination commission will evaluate, by videoconference

It will focus on the topics of the curricula in which the doctorate is divided and will also be aimed at verifying the candidate's aptitude for research, scientific interests and availability to carry out experiences abroad; to this end, the candidate is required to prepare a research project proposal to be presented together with the application for participation in the competition and which the candidate will illustrate during the interview.

The interview can, at the candidate's choice, be held in English;

For interviews held in Italian, knowledge of the language, either English, Spanish, French or German, will be assessed, at the candidate's choice.

The minimum score to pass the interview is 18/30.

Eligibility is achieved with an overall rating equal to or greater than 30/60.

The Selection Committee, before starting the selection procedures, identifies the criteria and methods for assigning test scores.

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## SCIENZE UMANE (DOTTORATO INDUSTRIALE)

Course code DR220

Duration 3 years

available positions: 6

including

- With scholarship reserved for graduates of foreign universities: 1
- With University Scholarship: 1
- With grants financed from funds under the Ministerial Decree. 629/2024 – PUBLIC ADMINISTRATION with activation subject to the completion of the agreement with the company
  - 1 scholarship entitled: Ethnography in intangible heritage. Everyday practices, socio-cultural processes and regulatory issues  
Period at the company: Ministry of Culture: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Daniele Parbuono
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 Grant entitled: Relational dynamics and processes in work contexts: risk and protection factors for the individual well-being of professionals and users  
Period at the company: TeamDev Srl: 6 months  
Mandatory stay abroad: 6 months  
Project contact: Dr. Carlo Garofalo
- Places reserved for company employees engaged in highly qualified activities (industrial doctorate)
  - 1 place reserved for TIM S.A. employees.
  - 1 place reserved for Deloitte Italy S.p.A. employees. S.B (subject to completion of the agreement)

Agreement with TIM S.A., Deloitte Italy S.p.A. S.B (subject to completion of the agreement)

curricula 1) Philosophical

2) Pedagogical and psychological

3) Anthropological-linguistic

research project Compulsory YES

Coordinator Prof. Mazzeschi Claudia

### **Degrees Required for Admission:**

ALL among



- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

Method of carrying out the selection procedure

The selection procedure will be carried out according to the following methods:

Evaluation of qualifications and interview (in sixtieths: 30+30)

Minimum overall score from which candidates are considered suitable 36/60

Securities evaluation:

maximum score: 30 points; To access the interview, a minimum score of 15/30 is required in the assessment itself.

Before the interview takes place, it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, l list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

University training course, up to a maximum of 15 points, recognizing:

to the degree mark, up to a maximum of 8 points, as assigned below:

Grade equal to 110/110 with honors: 8 points

Score equal to 110/110: 7 points

Score equal to 109/110: 6 points

Score equal to 108/110: 5 points

Score equal to 107/110: 4 points

Score equal to 106/110: 3 points

Score from 104/110 to 105/110: 2 points

Score from 100/110 to 103/110: 1 points

Grade lower than 100/110: 0 points

For candidates who obtain the qualification required for admission after the deadline for the announcement, for whom it is not possible to evaluate the degree grade, the curricular average of the exams taken will be evaluated, recognizing up to a maximum of 7 points, according to the scheme relating to the degree grade previously reported; for this purpose the average curricular grade, multiplied by 110 and divided by thirty, is rounded to the nearest whole number.

to the degree thesis, up to a maximum of 7 points per relevant degree thesis, recognizing:

- - for a degree thesis of excellent quality, in terms of scientific depth, 7 points;
- - for a degree thesis of good quality, in terms of scientific depth, 4 points;
- - for a degree thesis of sufficient quality, in terms of scientific depth, 2 points.

For candidates who obtain the qualification required for admission after the deadline for the announcement, the thesis will be evaluated according to the above criteria, only if produced in a definitive version with the signature of the Supervisor.

Further training courses and professional and research experiences, up to a maximum of 2 points for further training courses and relevant professional and research experiences, recognizing:

- for any professional experience in teaching (tutoring, support teaching activities) if relevant: 1 points;
- for any professional experience in the field of scientific research (research grant, scholarships for research projects, research collaboration, participation in research groups, presentation of contributions at relevant conferences or seminars, report or poster at conferences or seminars relevant) if relevant: 1 points;
- for each further training course (relevant second level master's degree, relevant specialization, relevant qualification, participation in relevant conferences): 1 points

Publications, up to a maximum of 3 points for relevant publications, recognizing:

- for each publication of excellent quality, in terms of scientific depth and editorial relevance, 3 points;
- for each good quality publication, in terms of scientific depth and editorial relevance, 2 points;
- for each publication of sufficient quality, in terms of scientific depth and editorial relevance, 1 point.

Research project, written in Italian or in one of the official EU languages (English or French) up to a maximum of 10 points, recognising, in relation to the specific research topic covered by the scholarship for which the application has been submitted:

- - for a research project of excellent quality, in terms of scientific depth and aptitude for research, 10 points;
- - for a good quality research project, in terms of scientific depth and aptitude for research, 5 points;
- - a research project of sufficient quality, in terms of scientific depth and aptitude for research, 2 points.)

Evaluation of the interview.

The interview will focus on the discussion of the research project and the topics of the curriculum chosen by the candidate and will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests, also starting from the choice of CV made by the candidate in the application form. The candidate will illustrate, during the interview, the research project proposal presented together with the application to participate in the selection for the purpose of evaluating the qualifications. The interview may, at the candidate's choice, also be held in one of the following EU languages: English, French. For interviews held in Italian, knowledge of one of the following foreign languages indicated by the candidate in the application form is required: English, French.

The interview will be carried out by videoconference or in person at the candidate's choice.

The candidate will illustrate the research project, highlighting its salient methodological characteristics, and the possibilities of implementation in the years foreseen by the course itself. In particular, the interview will be evaluated based on the following criteria:

- knowledge of the subject;
- clarity of presentation;
- aptitude for research;
- availability to carry out experiences abroad;
- the candidate's scientific interests.

Interview evaluation criteria:

knowledge of the subject; clarity of presentation; aptitude for research, willingness to carry out experiences abroad and the candidate's scientific interests.

Scores will be assigned on the basis of the following overall evaluation grading, as a result of the application of the above criteria:

30/30: excellent profit in relation to the above criteria

29/30: almost excellent profit in relation to the above criteria  
28/30: more than distinct profit in relation to the above criteria  
27/30: distinct profit in relation to the above criteria  
26/30: Almost distinct profit in relation to the above criteria  
25/30: more than good profit in relation to the above criteria  
24/30: Good profit in relation to the above criteria  
23/30: Almost good profit in relation to the above criteria  
22/30: more than sufficient profit in relation to the above criteria  
21/30: Sufficient profit in relation to the above criteria  
20/30: Insufficient profit in relation to the above criteria  
19/30: Severely insufficient profit in relation to the above criteria  
18/30: Poor profit in relation to the above criteria  
17/30: Severely poor profit in relation to the above criteria  
16/30: deficient profit in relation to the above criteria  
15/30: Seriously lacking profit in relation to the above criteria

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## **SISTEMA TERRA E CAMBIAMENTI GLOBALI**

Course code DR221

Duration 3 years

available positions: 3

including

- With scholarship reserved for graduates of foreign universities: 1
- With Department of Physics and Geology: 1 scholarship for the topic “Planetary geology”
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 grant entitled: Use of SAR (Synthetic Aperture Radar) interferometry techniques for the study of earthquake precursors  
Period at the company: Eagleprojects Spa: 8 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Massimiliano Porreca

curricula NO

research project Compulsory YES

Coordinator Prof. Cherin Marco

### **Degrees Required for Admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### **Method of carrying out the selection procedure**

The selection procedure will be carried out according to the following methods:

Evaluation of qualifications and interview (in sixtieths: 30 + 30)

Minimum overall score from which candidates are considered suitable: 33/60

The evaluation of qualifications will concern the university training course, as well as any further training courses and professional and research experiences and any scientific publications.

The evaluation will also concern the preparation by the candidates of a research project, of their choice, lasting three years, aimed exclusively at evaluating the candidate, on the characteristic themes of the doctorate, and consistent with the training objectives.

By way of example, a list of topics is published on the doctoral website, indicated by the teaching body, on which it will be possible to activate the research projects of the doctoral students of the XL Cycle as a priority.

The description of the research project must be divided into four sections: State of the Art, Objectives, Methodologies, Impact, each of which must not exceed 2,000 characters.

Securities evaluation:

maximum score: 30 points;

minimum score required to access the interview: 12/30.

Before the interview takes place, it will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica>, a list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

The qualifications will be evaluated as follows:

University educational path, up to a maximum of 11 points, recognizing:

to. For the degree grade, up to a maximum of 8 points, as assigned below:

Grade equal to 110/110 with honors: 8 points

Score between 109/100 and 110/110: 7 points

Score between 106/110 and 108/110: 6 points

Score between 103/110 and 105/110: 5 points

Score between 100/110 and 102/110: 4 points

Score between 97/110 and 99/110: 3 points

Score between 94/110 and 96/110: 2 points

Score between 90/110 and 93/110: 1 points

Grade lower than 90/110: 0.5 points

For candidates for whom it is not possible to evaluate the degree grade (registration in the competition with reservation), the curricular average of the exams taken will be evaluated according to the following scheme:

Average greater than or equal to 29: 8 points

Average greater than or equal to 28: 6 points

Average greater than or equal to 27: 5 points

Average greater than or equal to 26: 3 points

Average greater than or equal to 25: 2 points

Average less than 25: 0 points

b. For the Master's thesis, only if produced by the candidates, up to a maximum of 3 points, recognizing:

- a degree thesis of excellent quality, in terms of scientific depth and relevance to the topics of the doctorate: 3 points;

- a good quality degree thesis, in terms of scientific depth and relevance to the topics of the doctorate: 2 points;

- a degree thesis of sufficient quality, in terms of scientific depth and relevance to the topics of the doctorate: 1 points

Further training courses and relevant professional and research experiences, up to a maximum of 2 points, recognizing:

- for each period of training/internship, at qualified institutions in Italy or abroad of at least 30 continuous days: 0.5 points;

- for each professional experience in the field of teaching (tutoring, support teaching activities): 0.5 points;

- for each professional experience in research (research grants, scholarships and/or contracts, lasting at least six months): 1 points;

- for each further training course (second level university master's degree, specialization diploma, professional qualification): 1 points;

- for each participation in conferences, schools and workshops: 0.2 points.

Publications, up to a maximum of 2 points for relevant publications, recognizing:

to each publication in a Scopus/Wos indexed journal, on the basis of originality, methodological rigor, the contribution provided by the candidate and relevance to the topics of the doctorate: up to a maximum of 2 points;

- to each non-indexed publication, on the basis of originality, methodological rigor, the contribution provided by the candidate and relevance to the topics of the doctorate: up to a maximum of 0.5 points.

Research project, up to a maximum of 15 points, recognizing, in relation to the scientific depth, the originality and innovativeness of the project and its relevance to the doctoral topics:

- to the research project of excellent quality: 15 points;
- to the excellent quality research project: 14 points;
- a very good quality research project: 12 points;
- good quality research project: 10 points;
- a research project of reasonable quality: 8 points;
- a research project of sufficient quality: 6 points;
- to a research project of insufficient quality: 0 points.

The interview will focus on the characteristic topics of the doctorate, consistent with the training objectives and will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests. To this end, the candidate will illustrate, during the interview, the research project proposal presented together with the application to participate in the selection for the purpose of evaluating the qualifications.

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

For interviews held in Italian, knowledge of the English language will be assessed.

The interview will be carried out in person; Candidates' requests to carry out the interview via videoconference will be evaluated in light of the reasons given.

The minimum score to pass the interview is 21/30.



The criteria for evaluating the interview are the following: knowledge of the subject and clarity of presentation; aptitude for research; feasibility and originality of the project presented; availability to carry out experiences abroad and the candidate's scientific interests.

As regards the candidate's scientific interests, the ability to carry out the projects foreseen for the scholarships financed by the funds under the Ministerial Decree will also be taken into account. 630/2023 – PNRR.

In particular, scores will be assigned on the basis of the following overall evaluation grading, as a result of the application of the above criteria:

30/30: Excellent profit

29/30: excellent profit

28/30: more than distinct profit

27/30: distinct profit

26/30: almost distinct profit

25/30: more than good profit

24/30: good profit

23/30: almost good profit

22/30: more than enough profit

21/30: sufficient profit

less than 21/30: not enough profit

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.

## **STORIA, ARTI E LINGUAGGI NELL'EUROPA ANTICA E MODERNA**

Course code DR222

Duration 3 years

Available positions: 4

- With scholarship reserved for graduates of foreign universities 1
- With University Scholarship 1
- With grants financed from funds under the Ministerial Decree. 629/2024 – CULTURAL HERITAGE
  - 1 grant entitled: Development of an advanced management system to support archaeological excavations and the processing of finds  
Period at the company: Associazione Acqua (O.d.V.): 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Andrea Polcaro
- With grants financed from funds under the Ministerial Decree. 630/2024 with activation subject to the completion of the agreement relating to co-financing by companies
  - 1 Grant entitled: From manuscript inventories to the web: recognition and study of ancient printed book collections (15th - 19th centuries) preserved at the Biblioteca del Sacro Convent of San Francesco in Assisi  
Period at the company: International Society of Franciscan Studies (Assisi): 6 months  
Mandatory stay abroad: 6 months  
Project contact: Prof. Antonio Ciaralli

curricula

1. History and civilization of the ancient world
2. History and art from the Middle Ages to the contemporary world
3. Modern and comparative literatures

research project Compulsory YES

Coordinator Prof. Grassigli Gian Luca

### **Degrees Required for Admission:**

ALL among

- Specialist degree pursuant to D.M. 509/1999
- Master's degree pursuant to D.M. 270/2004
- Pre-reform degree (before D.M. 509/1999)
- Foreign master degree

### **Method of carrying out the selection procedure**

The selection procedure will be carried out according to the following methods:

Evaluation of qualifications and interview (in sixtieths: 30 + 30)

Minimum overall score from which candidates are considered suitable: 39/60

The evaluation of qualifications will examine the university educational path, any further training courses and professional and research experiences, as well as scientific publications. The evaluation will also consider the characteristics of the research project presented by the candidates to be developed over the three-year period on one of the topics relevant to the Course.

Securities valuation

The qualifications will be evaluated as follows:

University training course, up to a maximum of 15 points, recognizing:

a) to the degree mark, up to a maximum of 8 points, as assigned below:

Grade equal to 110/110 with honors: 8 points

Score equal to 110/110: 7 points

Score equal to 109/110: 6 points

Score equal to 108/110: 5 points

Score equal to 107/110: 4 points

Score equal to 106/110: 3 points

Score from 104/110 to 105/110: 2 points

Score from 100/110 to 103/110: 1 point

Grade lower than 100/110: 0 points

b) to the degree thesis, up to a maximum of 7 points recognizing:

- 7 points for a degree thesis of excellent quality, in terms of scientific depth

- a good quality degree thesis, in terms of scientific depth, 4 points;

- 2 points for a degree thesis of sufficient quality, in terms of scientific depth.

Further training courses and relevant professional and research experiences, up to a maximum of 3 points recognizing:

- for each relevant professional experience in the field of teaching (tutoring, support teaching activities, supplementary teaching activities, teaching contracts in public or private university institutions): 0.5 points up to a maximum of 1 point
- for any relevant professional experience in the field of scientific research (research grant, scholarships for research projects, participation in archaeological excavation campaigns in a responsible capacity): 0.5 points up to a maximum of 1 point;
- for any further training course (relevant second level master's degree, relevant specialisation, relevant qualification, participation in relevant conferences as a speaker, archivist diploma obtained from state archives, double degree qualification in Italian and foreign study courses, degree diploma further than that valid as a qualification for access to this procedure, prizes and recognition for relevant research activities): 0.5 points up to a maximum of 1 point.

Publications, up to a maximum of 3 points for relevant publications, recognizing:

- for each publication of excellent quality, in terms of scientific depth and editorial relevance, 3 points;
- for each good quality publication, in terms of scientific depth and editorial relevance, 2 points;
- for each publication of sufficient quality, in terms of scientific depth and editorial relevance, 1 point.

Research project, up to a maximum of 9 points, recognizing:

- a research project of distinct, excellent or excellent quality, in terms of scientific depth and aptitude for research, from 7 to 9 points;
- a research project of fair, good or very good quality, in terms of scientific depth and aptitude for research, from 4 to 6 points;
- A research project of just sufficient, sufficient or more than sufficient quality, in terms of scientific depth and aptitude for research, from 1 to 3 points;
- For a research project of insufficient quality, in terms of scientific depth and aptitude for research, or not relevant, 0 points;

The interview will focus on the topics of the curricula in which the doctorate is divided.

The interview will also be aimed at verifying the candidate's aptitude for research, availability to carry out experiences abroad and scientific interests.

Finally, an integral part of the interview will be the discussion of the research project presented by the candidate.

At the candidate's choice, the interview can be held in English.

For interviews held in Italian, knowledge of the English language will be assessed.

The interview will be carried out in person.

The interview will be considered passed as a result of obtaining an overall mark of no less than 21/30.

The criteria for evaluating the interview are the following: knowledge of the subject; clarity of presentation; aptitude for research; availability to carry out experiences abroad and the candidate's scientific interests.

In particular, scores will be assigned on the basis of the following overall evaluation grading, as a result of the application of the above criteria:

30/30: excellent profit in relation to the above criteria

29/30: almost excellent profit in relation to the above criteria

28/30: more than distinct profit in relation to the above criteria

27/30: distinct profit in relation to the above criteria

26/30: Almost distinct profit in relation to the above criteria

25/30: more than good profit in relation to the above criteria

24/30: Good profit in relation to the above criteria

23/30: Almost good profit in relation to the above criteria

22/30: more than sufficient profit in relation to the above criteria

21/30: Sufficient profit in relation to the above criteria

20/30: Insufficient profit in relation to the above criteria

19/30: Severely insufficient profit in relation to the above criteria

18/30: Poor profit in relation to the above criteria

17/30: Severely poor profit in relation to the above criteria

16/30: deficient profit in relation to the above criteria

15/30: Seriously lacking profit in relation to the above criteria

### **Interview schedule:**

On June 25, 2024, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-modulistica> and on the University's Online Notice Board, communicating the dates and times of the convocations or any other communication concerning this selection. This schedule constitutes formal convocation, and no personal communications will be sent in this regard. The candidate's absence from the selection tests (or failure to connect on the day and time of the interview in case of telematic mode) will be considered an implicit waiver of participation in the selection, whatever the cause.