

**ANNEX 1 to the Announcement for admission to the PhD courses of the XLI cycle a.y.  
 2025/2026 - Course information and selection procedures**

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## BIOTECHNOLOGIES

(PhD in associated form with companies)

Course code	DR201
Duration	3 years
Places	11
Of which	
With Exchange graduates reserved a in foreign universities	1
With University Scholarship	2
With Department of Medicine Scholarship	1
With a grant from the Department of Chemistry, Biology and Biotechnology	2
With Scholarship reserved for Palestinian male and female students residing in the Palestinian Territories interested in applying to the call for PhDs within the AICS Initiative entitled "Multi-disciplinary action aimed at supporting gender equality education in Palestine".	<p><b>1 grant under the Multi-disciplinary action aimed at supporting gender equality education (AID 012708/01/2)</b></p> <p>The three-year amount of this doctoral scholarship is Euro 75,000.00, including university charges and the budget for research activities.</p> <p>The successful student in this position will not receive any further increase in the grant for any stays abroad</p>
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	<p><b>1 place reserved</b> for USL 2 Umbria employees</p> <p><b>1 position reserved</b> for employees of Azienda Sanitaria Universitaria Friuli Centrale, Udine, Italy</p> <p><b>1 place reserved</b> for FAO employees</p> <p><b>1 place reserved</b> for employees of the Institute of Defence Biomedical Sciences</p>
curricula	1 - Medical biotechnology

	2 - Molecular and industrial biotechnology 3 - Biomaterials and biodevices
In agreement with	Institute of Defence Biomedical Sciences USL 2 Umbria  Azienda Sanitaria Universitaria Friuli Centrale, Udine, Italy  FAO  Institute of Defence Biomedical Sciences
Research project	YES mandatory
Coordinator	Prof. Cardinali Gianluigi

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

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** pursuant to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

#### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

The assessment of qualifications concerns university training, as well as any further training and professional and research experience and any scientific publications. The evaluation also concerns the candidates' preparation of a research project to be developed during the three-year period on a topic relevant to the Course.

#### **Minimum score required in the evaluation of qualifications:15/30**

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-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

Candidates who do not achieve the above-mentioned minimum score in the assessment of qualifications will not be admitted to the interview.

**The interview will be held by videoconference.**

The interview will focus on the subjects of the curricula into which the course is divided, and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experiences abroad and scientific interests.

To this end, the candidate is required to draw up a research project proposal to be submitted together with the application for the competition, which the candidate will illustrate during the interview.

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

For interviews held in Italian, knowledge of the following language will be tested: English.

**The pass mark for the interview is 21/30.**

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

### **Evaluation of qualifications**

A maximum score of 30 points is reserved for the evaluation of qualifications.

**University educational pathway**, up to a maximum of 7 points, acknowledging: to the degree grade: up to a maximum of 7 points, as attributed below: Grade of 110/110 cum laude: 7 points

Grade of 110/110: points 6

Grade of 109/110: points 5

Grade of 108/110: points 4

Grade of 107/110: points 3

Grade of 106/110: points 2

Grade of 105/110: points 1

Grade of less than 100/110: points 0

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree mark, the average curriculum mark of the examinations taken will be assessed, awarding up to a maximum of 6 points, according to the scheme relating to the degree mark previously reported; for this purpose the average curriculum mark, multiplied by 110 and divided by thirty, is rounded to the nearest unit.

**Further training courses and relevant professional and research experience, up to a maximum of 2 points** for further training courses and relevant professional and research experience, awarding

- for each professional experience in the field of teaching (tutoring, teaching activity support activities) relevant: up to 1 point
- for each professional experience in the field of scientific research (research cheque, scholarship for research projects, research collaboration, for periods of not less than 12 months) relevant: up to 1 point
- for each additional training course (relevant 2nd level master's degree, relevant specialisation relevant, relevant habilitation): up to 1 point.

**Publications, up to a maximum of 1 point** for relevant publications in international scientific journals (only if the applicant produces at least one)

**Research project, up to a maximum of 20 points** (only if produced by the candidate), awarding

- to the research project of excellent quality, in terms of scientific depth and research aptitude, points 20;

- to the research project of excellent quality, in terms of scientific depth and research aptitude, points 14;
- to the research project of good quality, in terms of scientific depth and research attitude, 10 points
- to the research project of moderate quality, in terms of scientific merit and research aptitude, points 6;
- To the research project of sufficient quality, in terms of scientific depth and research aptitude, points 2.

A **maximum of 30 points** is reserved for the **interview**. Criteria for the evaluation of the interview

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

In particular, points will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria:

30/30: very good profit in relation to the above criteria 29/30:

almost very good profit in relation to the above criteria

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

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

26/30: nearly 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria

17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria

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

#### **Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard**.

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## CONSUMER LAW

Course code	DR202
Duration	3 years
Places	3
Of which	
With scholarship reserved for graduates from foreign universities	2
With University scholarship	1
curricula	NO
Research project	YES compulsory
Coordinator	Prof. Mezzasoma Lorenzo

### **Degrees required for admission**

**Master's degree in:** 22/S "Jurisprudence, 84/S "Economic-business sciences, LMG/01 "Jurisprudence

**Master's degree in:** LM-77 "Economic and business sciences, LMG/01 "Class of degrees degrees in Law,

**Degree** according to the system prior to the entry into force of Ministerial Decree 509/1999, equivalent to the above-mentioned specialised and magisterial degrees, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

### **Procedures for the selection procedure**

The selection procedure will be carried out as follows:

### **Assessment of qualifications and interview (in 60ths: 30+ 30).**

In addition to their university training, as well as any further training, professional and research experience and any scientific publications, the evaluation of qualifications will also include the preparation by the candidates of a three-year research project of their choice, exclusively aimed at evaluating the candidate on one of the PhD subjects (SC 12/A1 - SSD IUS/01; SC 12/B1 - SSD IUS/04; SC 12/E3 - SSD IUS/05; SC 13/B1 - SSD SECS-P/07; SC 12/G2 - SSD IUS/16).

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

Prior to the interview, the following will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The interview will focus on the subjects of the doctorate (SC 12/A1 - SSD IUS/01; SC 12/B1 - SSD IUS/04; SC 12/E3 - SSD IUS/05; SC 13/B1 - SSD SECS-P/07; SC 12/G2 - SSD IUS/16) and will be also aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests.

To this end, the candidate is required to prepare a research project proposal to be submitted together with the application for participation in the selection process, which the candidate will illustrate during the interview.

The interview, at the candidate's choice, may be held in Italian, Spanish or English, a choice that must be indicated in the application form. For interviews held in Italian, knowledge of English or Spanish will be tested.

**The interview will be held in person; it will be held by videoconference, only for foreign participants.**

**The pass mark for the interview is 21/30.**

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

The selection board, before starting the selection procedures, identifies the criteria and methods for awarding marks for the tests.

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

**N.B.:** The doctoral course stipulates that doctoral students must obligatorily carry out research activities lasting at least 365 days (starting from the second year of the course) at the University of Salamanca and that the doctoral thesis must be

written in two languages (Italian/English or Italian/Spanish), in view of the cotutela and the agreement with the University of Salamanca.

In addition, doctoral students, during their stay in Italy, must ensure that they carry out at least three days of weekly research activities in the presence of the Department of Economics - Terni campus - of the University of Perugia.

## ECONOMICS - INSTITUTIONS, ENTERPRISES AND QUANTITATIVE METHODS

Course code	DR203
Duration	3 years
Places	5
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
With Scholarship funded by the Tiferno Biochemical Laboratory	1 grant for the topic "Competitive approaches in the diagnostic sector: international scenarios, business models, networking and organizational implications"
curricula	1 - Economics and institutions 2 - Economics and enterprise 3 - Quantitative methods for economics
Research project	YES mandatory
Coordinator	Prof. Polinori Paolo

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

### **Evaluation of qualifications and interview (in 60ths: 30+ 30).**

**The assessment of qualifications** will concern university training, as well as any further training courses and professional and research experience and any scientific publications.

The assessment will also cover the preparation by the candidates of a three-year research project of their choice, on one of the topics of the curricula in which the PhD is divided, relevant to the Course.

**The minimum score required in the assessment of qualifications for admission to the interview is 15/30.**

Prior to the interview, the following will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

**The interview** will focus on the subjects of the curricula into which the doctorate is divided and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experiences abroad and scientific interests.

To this end, the candidate is required to prepare a research project proposal to be submitted together with the application for participation in the selection process, which the candidate will illustrate during the interview.

The interview, at the candidate's choice, may be held in English. For interviews held in Italian, English language knowledge will be tested.

**The interview will be held by videoconference/presence.**

The pass mark for the interview is **21/30**.

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

The selection board, before starting the selection procedures, identifies the criteria and methods for awarding marks for the tests.

#### **Interview schedule:**

As from **28 July 2025** a notice will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board, giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## READING EDUCATION, EFFECTS AND BENEFITS OF READING AND READING ALOUD

(PhD in association with Italian universities and companies)

Course code	DR224
Duration	3 years
Places	4
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	1
University grants in agreement	1 <b>Scholarship</b> University of Modena and Reggio Emilia
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	1 <b>post reserved</b> to Employees of Innovamat Education SL
curricula	NO
In agreement with	University of Modena and Reggio Emilia Innovamat Education SL
Research project	<b>YES mandatory</b>
Coordinator	Prof. Batini Federico

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows

**Evaluation of qualifications and research project and interview (in 60s: 30+ 30)**

**Evaluation of the qualifications,** In addition to the university training course, as well as any further training and professional and research experience and any specific scientific publications in relation to the doctorate, the evaluation of the qualifications will also include the preparation, by the candidates, of a research project of their choice, lasting three years, aimed exclusively at evaluating the candidate on one of the topics into which the doctorate is divided or on the specific topic to which the scholarship with a reserve for company employees is linked. The committee reserves the right, however, to match scholarships and candidates on the basis of the profile as it emerges from the qualifications submitted, the individual scholarship reserves or other reserves (company employees) of the project and the interview. The overall evaluation, in thirtieths, is accompanied by details of the awarding of marks.

The research project presented may, at the discretion of the committee, be awarded a score of up to a maximum of 15 points in order to avoid young graduates being denied access to the interview. It should be noted that only titles consistent with the themes of the PhD or of methodological interest to the PhD itself will be assessed. With a score below 18, it will not be possible to take part in the interview. The committee may admit to the interview only research projects and a coherent degree. Scoring criteria for the qualifications and the research project

**University course of study, up to a maximum of 4 points,** awarding the following **points** to the degree grade (where the committee considers the degree to be coherent)

Grade of 110/110 cum laude and 110/110: points 4

Grade of 109/110 to 107/110: points 3

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

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

Grade below 100/110 or inconsistent degree: 0 points

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the curricular average of the examinations taken will be assessed, awarding up to a maximum of 4 points, according to the scheme related to the degree grade previously reported; for this purpose the curricular average grade, multiplied by 110 and divided by thirty, is rounded to the unit.

**Further training and professional and research experience:** only professional and research experience and training courses that are relevant to the research pathway envisaged by the doctorate will be assessed. The experiences or training courses must also be correctly declared and documented by the candidates and must not be of less than six months' duration. **Up to a maximum of 11 points are awarded** for further training and relevant professional and research experience, acknowledging:

-

up to 3 points for each experience in scientific research in areas related to reading education, reading promotion, evaluation of the effects and

benefits of reading and reading aloud, experimental research related to reading (research grants, research scholarships or fellowships for research projects, structured and documentable research collaboration will be evaluated) or research experience, in any case related to the humanities, which is of particular interest in terms of methodology; up to 3 points for each experience of more than 6 months;

- up to 2 points for each professional experience in the field of reading didactics which is specific and not generic only if relevant (e.g. continuous and not occasional experiences in the animation of reading groups, training of educational staff on reading, systematic meetings on reading, organisation of systematic didactic activities supporting reading aloud, reading promotion, reading education will be considered relevant, while experience teaching Italian language and literature in the education system will not be considered relevant): 2 points for each different experience, each lasting more than 6 months. This area may reach a total of 9 points;

- up to 1 point for each additional training course specifically related to reading, reading education, narrative methods, research in the qualitative or quantitative human sciences (such as: 1st and 2nd level master's degree, relevant specialisation, other documented courses, with final examination and certification and lasting more than 6 months): up to 1 point for each course, for a maximum of 2 points.

**Publications** - Points will be attributed to any publications, only if made available by the candidates and if consistent with the themes of the doctorate, **up to a maximum of 4 points** for publications relevant to the above-mentioned themes, awarding

- to each publication of very good quality, in terms of scientific depth and editorial relevance, 2 points;

- to each publication of good quality, in terms of scientific depth and editorial relevance, 1 point;

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

**Research project** Points will be awarded to research projects produced in conjunction with the application: **up to a maximum of 15 points**, recognising

- the research project of excellent quality, in terms of scientific depth and research aptitude, up to 15 points;

- to the research project of good quality, in terms of scientific depth and research aptitude, up to 11 points;

- to the research project of sufficient quality, in terms of scientific depth and research aptitude, up to 8 points).

Lower marks will be awarded for insufficient projects.

The overall evaluation of qualifications may not exceed 30 points in any case.

**A score of less than 18 will not allow access to the interview.**

Prior to the interview, the following will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

the interview will preferably be conducted in person; it will be possible to conduct it by videoconference only if specifically authorised by the committee. In the event of a large number of candidates, the board may, for organisational reasons, convene all candidates by telematic means. The interview may, at the candidate's choice, be held in French or English. For interviews held in Italian, a short test to ascertain the candidate's knowledge of the English language is envisaged.

The interview will focus, with in-depth technical and methodological analysis, on the research themes of the PhD programme as detailed in the presentation and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. The candidate's preparation of a research project proposal, to be submitted together with the application, will be evaluated among the qualifications and will constitute the start of the interview;

- the pass mark for the interview is 22 (the sum of qualifications and interview must in any case be 40 or above)

The interview will focus on questions put to the candidates on the topics of the doctorate with technical and methodological insights. The interview will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and in the field, and scientific interests. A maximum score of 30 points is reserved for the interview; **it will be considered passed if an overall mark of no less than 22/30 is obtained.**

**Criteria for the overall assessment of the interview:** knowledge of the subject; clarity of exposition; aptitude for research; technical-methodological competence; ability to justify the choices made in drawing up one's project; willingness to participate in all the commitments envisaged by the PhD programme; the candidate's scientific interests. Scores will be awarded on the basis of the following graduation:

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 very good profit in relation to the above criteria; 27/30: very good profit in relation to the above criteria;  
26/30: distinguished profit in relation to the above criteria; 25/30: almost distinguished profit in relation to the 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: sufficient profit in relation to the above criteria;  
21/30: not entirely sufficient profit in relation to the above criteria; 20/30: insufficient profit in relation to the above criteria;  
19/30: clearly insufficient profit in relation to the above criteria; 18/30: seriously insufficient profit in relation to the above criteria; 17/30: poor profit in relation to the above criteria  
16/30: extremely poor profit in relation to the above criteria; 15/30: seriously poor profit in relation to the above criteria

**Eligibility is achieved with an overall mark of 40/60 or higher Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to appear at the selection tests (or failure by the candidate to be connected on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, whatever the cause.

## ENERGY AND SUSTAINABLE DEVELOPMENT

(PhD in associated form with companies)

Duration	3 years
Places	5
of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarships	2
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	1 place reserved for employees of the company NUOVO PIGNONE TECNOLOGIE S.R.L.  1 place reserved for employees of the company AGRICOLUS S.R.L.
Curricula	1 - Energy and environmental wellbeing  2 - Energy, Agricultural and Land Resources
In agreement with	NUOVO PIGNONE TECNOLOGIE S.R.L.  AGROCOLUS S.R.L.
Research project	NO
Coordinator	Prof. Nicolini Andrea

### Degrees required for admission

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### Modalities for carrying out the selection procedure

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+ 30).**

**The assessment of qualifications** concerns the university training course, as well as any further training and professional and research experience and any scientific publications.

The interview will focus on the subjects of the curricula into which the doctorate is divided.

The interview will be aimed at also to verification of the aptitude to research, the willingness to undertake experience abroad and the candidate's scientific interests

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

English language proficiency will be tested for interviews held in Italian.

**The interview will be held by videoconference.**

The interview will consist of questions put to the candidates, after they have been drawn, on the subjects of the curricula into which the doctorate is divided.

The Commission will prepare a series of questions in a number greater than the number of candidates admitted to the interview; each question will be sealed in a sealed envelope; the candidates will be asked to draw an envelope; the questions contained in it will be the subject of the test.

In view of the wide range of topics dealt with during the course, the Commission will decide to place within the envelopes containing the questions on which the interview will focus, after drawing lots, five topics, on different subjects, from which the candidate may choose.

In addition, inside these envelopes, a passage will be inserted to be translated into English language.

During the discussion, the Commission will assess the candidate's aptitude for research, the his willingness to carry out experiences abroad and his scientific interests.

The pass mark for the interview is **21/30**.

**Eligibility is achieved with an overall mark of 30/60 or higher.**

### **Evaluation of qualifications**

**University educational pathway up to a maximum of 18 points**, with the following being awarded: to the degree grade, up to a maximum of 10 points, as attributed below:

Grade of 110/110 cum laude: 10 points

Grade of 110/110: points 9

Grade of 109/110: points 8

Grade of 108/110: points 7

Grade of 107/110: points 6

Grade of 106/110: points 5

Grade of 105/110: points 4

Grade of 104/110: points 3

Grade of 100/110 to 103/110: 2 points

Grade of 95/110 to 99/110: 1 points

Grade of less than 95/110: 0 points

For candidates who have not yet obtained the qualification required for admission, for whom it is not possible to assess the degree grade, the curricular average of the examinations taken will be assessed, awarding up to a maximum of 9 points, according to the scheme relating to the degree grade previously reported; for this purpose the curricular average grade, multiplied by 110 and divided by thirty, is rounded to the nearest unit.

**Dissertations**, up to a maximum of 8 points per relevant dissertation, awarding

1. to the dissertation of excellent quality, in terms of scientific depth, 8 points;
2. to the best quality dissertation in terms of scientific depth, 6 points;
3. to the dissertation of good quality, in terms of scientific depth, 4 points;
4. to the dissertation of sufficient quality, in terms of scientific depth, 2 points.

**Further** training and relevant professional and research experience **up to a maximum of 7** for further training and relevant professional and research experience, awarding

1) for each relevant professional experience in the field of teaching, up to a maximum of 1 point; in particular

tutoring: 0.2 points for every 6 months of tutoring activity; contract

professor: 1.0 point for every year of contract;

supporting teaching activity: 0.2 points for every 6 months of supporting activity;

lecturer in training course: 0.2 points for each course.

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

research grant: 1 point every year; for research grants not yet completed 0.5 points every 6 months

fellowship for research projects: 0.3 points each year; postgraduate

school: 1.0 point each year;

relevant doctoral degree: 3.0 points for each doctoral degree.

3) for each additional relevant training course, up to a maximum of 2 points; in particular professional qualification: 0.2 points for each qualification;

relevant training and/or specialisation course: 0.2 points for each course; 2nd level

master's degree: 1.0 point for each master's degree.

### **Publications**

up to a maximum of 5 points for relevant publications, awarding: to each

publication in a refereed journal, 1.5 points

to each publication chapter in a book, 1.0 point; to each

publication in conference proceedings, 0.5 point.

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

Criteria for the assessment of the interview: knowledge of the subject and clarity of exposition, verification of the candidate's aptitude for research, willingness to carry out experiences abroad and scientific interests.

In particular, marks will be awarded on the basis of the following gradation

overall assessment, as a result of the application of the above criteria:

30/30: very good profit in relation to the above criteria 29/30:

almost very good profit in relation to the above criteria

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

27/30: distinguished 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit

in relation to the above criteria

17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria  
equal to or less than 15/30: seriously deficient profit in relation to the above criteria

**Interview diary:**

From **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the interview** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

The candidate's failure to appear at the selection tests (or the candidate's failure to log in on the day and at the time of the interview in the case of telematic mode) shall be considered as an implicit renouncement of participation in the selection, whatever the cause.

**ETHICS OF COMMUNICATION, SCIENTIFIC RESEARCH AND TECHNOLOGICAL INNOVATION**  
(PhD in associated form with companies)

Course code	DR205
Duration	3 years
Places	5
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	1 place reserved for employees of the Zooprophyllactic Institute of Umbria and Marche "Togo Rosati"  1 post reserved for Istituto Zooprofilattico Sperimentale d'Abruzzo e Molise "G. Caporale" employees
curricula	1 - Humanistic  2 - Scientific - Technological  3 - Medical - Health
In agreement with	Zooprophylactic Institute of Umbria and Marche "Togo Rosati"  G. Caporale" Experimental Zooprophyllactic Institute of Abruzzo and Molise
Research project	YES mandatory
Coordinator	Prof. Moschini Marco

**Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

### **Evaluation of qualifications and interview (in 60ths: 30 + 30).**

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

Prior to the interview, the following will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The interview will be held in person with a distance option for those who request it. The interview may, at the candidate's choice, be held in English.

For interviews held in Italian, knowledge of the following language will be tested  
language: ENGLISH

#### **The minimum mark for passing the interview is 21/30**

#### **Eligibility is achieved with an overall mark of 30/60 or higher**

#### **Criteria for the evaluation of qualifications**

**University educational pathway, up to a maximum of 8 points**, with the following being awarded: a university degree grade **up to a maximum of 4 points**, as follows  
Grade of 110/110 and 110/110 cum laude: 4 points

Grade of 109/110 to 108/110: 3 points

Grade of 107/110 to 105/110: 2 points

Grade of 104/110 to 100/110: 1 point

Grade of less than 100/110: 0 points

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the curricular average of the examinations taken will be assessed, recognising up to a maximum of 3 points, according to the scheme relating to the degree grade previously reported; for this purpose the curricular average grade, multiplied by 110 and divided by thirty, is rounded to the unit.

Dissertation, up to a maximum of 4 points per relevant dissertation, acknowledging:

- to the dissertation of excellent quality, in terms of scientific depth, 4 points;
- to the dissertation of distinguished quality, in terms of scientific depth, 3 points;
- to the dissertation of good quality, in terms of scientific depth, 2 points;
- to the dissertation of sufficient quality, in terms of scientific depth, 1 point.

For candidates who obtain the qualification required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria only if it is produced in a definitive version with the signature of the Supervisor.

**Further** training courses and relevant professional and research experience, **up to a maximum of 4 points** for further training courses and relevant professional and research experience, awarding

- for each professional experience in the sphere of university teaching: tutoring contracts, support teaching or teaching activities: 1 point; being an expert in the subject cannot be evaluated in this sphere
- for each professional experience in the field of relevant scientific research: research grant, scholarship for research projects, research collaboration, participation in research groups, ownership of research projects, participation in relevant conferences with contribution (oral report, poster or visual documents), activity in relevant scientific associations: 1 point;
- for each additional educational pathway: postgraduate master's degree course, relevant I and II level master's degree course, specialisation or relevant postgraduate specialisation course, qualification to practice a profession: 2 points

**Publications, up to a maximum of 4 points** for relevant publications, awarding

- to each publication of very good 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 each publication of good quality, in terms of scientific depth and editorial relevance, 2 points;
- to each publication of sufficient quality, under the profile of scientific depth and editorial relevance, 1 point.

**Research project, up to a maximum of 14 points**, awarding

- to the research project of excellent quality, in terms of scientific depth and research aptitude, 14 points;
- to the research project of distinguished quality, in terms of scientific depth and research aptitude, 11 points;
- to the research project of good quality, in terms of scientific merit and research aptitude, 8 points;
- to the research project of sufficient quality, in terms of scientific depth and research aptitude, 5 points;
- to the research project of insufficient quality, in terms of scientific depth and research aptitude, 0 points.

#### **Assessment of the interview.**

The interview will focus on the subjects of the curricula into which the PhD programme is divided and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experiences abroad and scientific interests. To this end, the candidate is required to draw up a research project proposal to be submitted together with the application to take part in the competition, which the candidate will illustrate during the interview.

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of applying the above criteria:

30/30: very good profit in relation to the above criteria 29/30:

almost very good profit in relation to the above criteria

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

27/30: distinguished 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria  
17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria  
15/30: seriously deficient profit in relation to the above criteria

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the interview** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to appear at the selection tests (or failure by the same candidate to log in on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, whatever the cause.

## PHYSICS

(PhD in associated form with Italian research bodies)

Course code	DR206
Duration	3 years
Places	8
of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With Scholarship of Department of Physics and Geology	2 grants for the theme "Theoretical, phenomenological or experimental study of cosmic radiation"  1 INFN grant for the topic 'Development, integration and optimisation of high-rate data analysis platforms for the HL-LHC phase'.
With INFN-funded grant	2
curricula	1) UNIVERSE  2) PHYSICS OF FUNDAMENTAL INTERACTIONS  3) APPLIED AND INTERDISCIPLINARY PHYSICS
In agreement with	National Institute of Nuclear Physics
Research project	YES mandatory
Coordinator	Prof. Paciaroni Alessandro

### Degrees required for admission

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### Modalities for carrying out the selection procedure

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+ 30)**

**The evaluation of the qualifications**, in addition to the university training course, as well as any further training and professional and research experience and any scientific publications, will also involve the preparation by the candidates of a research project of their choice, lasting three years, aimed exclusively at evaluating the candidate on one of the topics of the curricula into which the doctorate is divided

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

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-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The interview will be held in person, leaving the option of choosing the remote mode to those who request it.

The interview will focus on the subjects of the curricula into which the doctorate is divided.

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

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

In the case of interviews held in Italian, knowledge of the English language.

**The pass mark for the interview is 20/30.**

**Eligibility is achieved with an overall mark of 38/60 or higher Assessment of qualifications**

**University educational background, up to a maximum of 17 points**, awarding: to the degree mark

up to a maximum of 15 points, as awarded below: Grade of

110/110 cum laude: 15 points

Grade of 110/110: marks 14 Grade

of 109/110: marks 13 Grade of

108/110: marks 12 Grade of

107/110: marks 11 Grade of

106/110: marks 10 Grade of

105/110: marks 9 Grade of

104/110: marks 8

Grade of 103/110: marks 7  
 Grade of 102/110: marks 6  
 Grade of 101/110: marks 5  
 Grade of 100/110: marks 4  
 Grade of 99/110: marks 3  
 Grade of less than 99/110: marks 0

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree mark, the average of the examinations taken will be assessed, awarding up to a maximum of 14 points, according to the following scheme

average above 29= 14 points  
 average above 28= 13 points  
 average above 27= 11 points  
 average above 26 = 9 points  
 average above 25 = 6 points  
 average above 24 = 2 points  
 average below or equal to 24= 0 points

**To the dissertation, up to a maximum of 2 points**, for the degree of relevance of the dissertation to the areas of research specific to the PhD course, as indicated on <https://www.fisgeo.unipg.it/fisgejo/index.php/it/phd/phd-physics-new.html>, acknowledging

- to the dissertation of complete relevance, 2 points;
- to the partially relevant dissertation, 1 point;
- to the non-relevant dissertation, 0 points.

**For candidates who obtain the qualification required for admission** after the deadline of the call for applications, the thesis will be assessed according to the above criteria, only if produced in a final version with the signature of the Supervisor.

**Further training and professional and research experience, up to a maximum of 3 points**, acknowledging

- for each period of training abroad and internship of at least 30 continuous days: **0.5 points**;
- for each experience professional in the area of didactics (tutoring supporting teaching activities): **0.5 points**
- for each at least six months of professional experience in the field of research scientific research (research grants, scholarships and/or contracts): **1 point**
- for each additional training course (2nd level university master's degree, specialisation diploma, professional qualification): **1 point**
- for each contribution to congresses, schools and workshops or seminars by invitation points **0.4**
- for any other professional, teaching and dissemination experience (e.g. teacher training, dissemination conferences, participation in congresses, schools and workshops, no contribution, international awards, etc.): **0.2 points**

**Relevant publications, up to a maximum of 3 points**, awarding

- to each publication in a journal with external reviewers of very good quality, in terms of scientific depth and editorial relevance, **3 points**;
- to each publication in a journal with external reviewers of good quality, in terms of scientific depth and editorial relevance, **2 points**;
- to each publication in a journal with external reviewers of sufficient quality, in terms of scientific depth and editorial relevance, **1 point**.
- to each proceedings of congresses and workshops points **1**.

**Research project, up to a maximum of 7 points**, awarding

- to the research project of excellent quality, in terms of scientific depth and research aptitude, **7** points;
- to the research project of excellent quality, in terms of scientific depth and research aptitude, **6** points;
- to the research project of good/very good quality, in terms of scientific depth and research aptitude, **5** points;
- to the research project of good quality, in terms of scientific depth and research aptitude, **4** points;
- to the research project of sufficient/good quality, in terms of scientific depth and research aptitude, **3** points;
- to the research project of sufficient quality, in terms of scientific depth and aptitude for research, **2** points.

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

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

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of applying the above criteria:

29 to 30 points: very good profit in relation to the above criteria

28 to 28.9 points: almost very good profit in relation to the above criteria

27 to 27.9 points: more than distinguished profit in relation to the above criteria

26 to 26.9 points: distinguished profit in relation to the above criteria

25 to 25.9 points: almost distinct profit in relation to the above criteria

24 to 24.9 points: more than good profit in relation to the above criteria

23 to 23.9 points: good profit in relation to the above criteria

22 to 22.9 points: almost good profit in relation to the above criteria

from 21 to 21.9 points: fully sufficient profit in relation to the above criteria

from 20 to 20.9 points: more than sufficient profit in relation to the above criteria

19 to 19.9 points: sufficient profit in relation to the above criteria

up to 18.9 points: insufficient profit in relation to the above criteria

#### **Interview schedule:**

From **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board, giving **the dates and times of the interview** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to attend the selection tests (or failure on the part of the candidate to be connected on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicit renouncement of participation in the selection, whatever the cause.

## INDUSTRIAL AND INFORMATION ENGINEERING

(PhD in associated form with companies)

Course code	DR207
Duration	3 years
Places	12
Of which	
With scholarship reserved for graduates from foreign universities	3 <b>scholarships</b> from the Department of Engineering funds
With University scholarship	3
With a grant from the Department of Engineering	<p>1 <b>scholarship</b> for the topic " Numerical Models and Artificial Intelligence for the Simulation of Multiphase Flows in Sustainable Energy Systems"</p> <p>1 <b>grant</b> for the topic "Development of Modeling and Simulation techniques for the evaluation of the performances of Hydrogen Valley".</p> <p>1 <b>scholarship</b> for the topic 'Development and implementation of methodologies for the evaluation of the sustainability of hydrogen technologies'.</p>
Places reserved for employees of companies engaged in highly qualified activities (industrial PhD)	<p>2 <b>places reserved</b> for employees of RINA CONSULTING CENTRO SVILUPPO MATERIALI</p> <p>1 <b>place reserved</b> for employees of HPE SRL</p>
curricula	<p>1. Information Engineering</p> <p>2. Industrial Engineering</p>
In agreement	<p>RINA CONSULTING MATERIALS DEVELOPMENT CENTRE</p> <p>HPE SRL</p>
Research project	YES mandatory
Coordinator	Prof. Liotta Giuseppe

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** pursuant to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

Evaluation of qualifications (in thirtieths 30)

**Minimum overall score from which candidates are deemed suitable: 18/30** Evaluation of qualifications

The assessment of qualifications concerns university training, as well as any further training and professional and research experience and any scientific publications. The evaluation will also cover the candidates' elaboration of a research project to be developed during the three-year period on one of the topics relevant to the Course indicated in the call for applications and written in English.

### **Criteria for the evaluation of qualifications**

**University educational pathway: up to a maximum of 12 points**, with the following being awarded: Degree grade: up to a maximum of 8 points, as follows Grade equal to 110/110 cum laude: 8 points

Grade of 110/110: marks 7

Grade of 109/110: marks 6

Grade of 108/110: marks 5

Grade of 107/110: marks 4

Grade of 106/110: marks 3

Grade of 104/110 to 105/110: 2 points

Grade of 100/110 to 103/110: 1 points

Grade of less than 100/110: 0 points

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the average curriculum of the examinations taken will be assessed, awarding a maximum of 10 points. Precisely

1. The average curricular grade will be calculated, rounded off to the nearest whole number;

2. A maximum of 10 points will be awarded, as follows: average

mark of 30: 10 points

average mark of 29: 9 points

average of 28: 8 points

average between 26 and 27: 7 points

average between 24 and 25: 4 points

average below 24: 2 points

**To the dissertation up to a maximum of 4 points** per relevant dissertation, awarding

- to the dissertation of excellent quality, in terms of scientific depth, 4 points;
- 2 points for a dissertation of good quality in terms of its scientific depth;
- to dissertations of sufficient quality, in terms of scientific depth, 1 point.

For candidates who obtain the degree required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria, only if it is produced in a final version with the signature of the Supervisor.

For candidates who have obtained or will obtain their degree from foreign universities, the degree mark and the average mark will be measured in hundredths and thirtieths, respectively.

**Further training and relevant professional and research experience: up to a maximum of 3 points** for further training and relevant professional and research experience, acknowledging

- for each professional experience in the field of relevant teaching: 1 point;
- for each professional experience in the field of relevant scientific research: 3 points for research grants, scholarships, or contracts for research activities of at least one year's duration. Grants, scholarships and contracts of shorter duration will be evaluated proportionally with rounding to the second decimal place;
- for further training courses (e.g. relevant 2nd level master's degree, relevant specialisation, relevant habilitation, participation in relevant congresses, research and development experience in the company): 1 point each up to a maximum of 3 points.

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

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

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

- to the research project of excellent quality, in terms of scientific depth and research aptitude, 10 points;
- to the research project of more than good quality, in terms of scientific depth and research aptitude, 9 points;
- to the research project of good quality, in terms of scientific depth and research aptitude, 8 points;
- to the research project of moderate quality, in terms of scientific depth and research aptitude, 6 points;
- to the research project of more than sufficient quality, in terms of scientific depth and research aptitude, 4 points;
- to the research project of sufficient quality, in terms of scientific depth and aptitude for research, 2 points.
- to the research project of insufficient quality, in terms of scientific depth and research aptitude, 0 points.

## INTERNATIONAL DOCTORAL PROGRAMME IN CIVIL AND ENVIRONMENTAL ENGINEERING

(PhD in associated form with companies)

Course code	DR208
Duration	3 years
Places	13
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With a grant from the Department of Civil and Environmental Engineering	<p>1 grant from INGV funds for the topic "Thermo-Hydro-Mechanical Analyses for the Integration of Energy Geostructures into Existing Infrastructure".</p> <p>1 grant under the project FIS 2021 Advanced Grant SMS-SAFEST - Smart Masonry enabling SAFETy-assessing STructures after earthquakes (CUP J53C23003880001) for the topic "Engineered Self- Monitoring Mortars for Structural Health Assessment in Masonry Restoration".</p> <p>1 grant under the project FIS 2021 Advanced Grant SMS-SAFEST - Smart Masonry enabling SAFETy-assessing STructures after earthquakes (CUP J53C23003880001) for the topic "AI-Driven Smart Masonry for Structural Health Monitoring and Earthquake Resilience".</p> <p>1 grant under the project ERASMUS-EDU-2023- PEX-COVE(PROJECT NAMED:exel4housing4.0) for the topic "EXCEL4HOUSING4.0: Research on Digital Transition and Innovation for sustainable housing".</p> <p>1 grant from private funds for the theme: "Innovative Methodologies for Integrated Design: Artificial Intelligence, BIM, and Generative Algorithms".</p>
With grant funded by CNR IRPI	1 grant for the theme: "Monitoring groundwater dynamics through Earth Observation technologies".

<b>Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)</b>	1 place reserved for employees of the company Tarkett spa  2 places reserved for employees of company Acegasapsamga spa  1 place reserved for employees of the company Rafael Advanced Defense Systems Ltd
<b>In agreement</b>	Tarkett spa Acegasapsamga  spa  Rafael Advanced Defense Systems Ltd
<b>Research project</b>	<b>NO</b>
<b>Coordinator</b>	Prof. Meniconi Silvia

### **Degrees required for admission**

Master's degree in: 3/S "landscape architecture", 4/S "building architecture and engineering", 7/S "agricultural biotechnology", 20/S "physics", 27/S "chemical engineering", 28/S "civil engineering", 32/S "electrical engineering", 36/S "mechanical engineering", 38/S "environmental and territorial engineering", 50/S 'mathematical and physical modelling for engineering', 61/S 'materials science and engineering', 62/S 'chemical sciences', 82/S 'science and technology 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)", LM-7 "Agricultural Biotechnology", LM-8- "Industrial Biotechnology", LM-12 "Design", LM-17 "Physics", LM-22 "Chemical Engineering", LM-23 "Civil Engineering", LM-24 "Building Systems Engineering", LM-26 "Safety Engineering", LM-29 "Electronic Engineering", LM-33 "Mechanical Engineering", LM-35 'Engineering for the environment and the territory', LM-44 'Mathematical and physical modelling for engineering', LM-53 'Materials science and engineering', LM-54 'Chemical sciences', LM-69- 'Agricultural sciences and technologies', LM-73 'Forest and environmental sciences and technologies', LM-74 'Geological sciences and technologies', LM-75 'Environmental and territorial sciences and technologies';

**Degree** according to the system prior to the entry into force of Ministerial Decree 509/1999, equivalent to the above-mentioned specialised and magisterial degrees, pursuant to the regulations in force on equivalence for the purposes of participation in public competitions.

### **Procedures for the selection procedure**

The selection procedure will be carried out as follows

**Evaluation of qualifications and interview (in 60ths: 30+ 30)**

The interview may, at the candidate's choice, take place

- **by videoconference on the MS Teams platform**
- in person

**The pass mark for the interview is 21/30**

**Eligibility is achieved with an overall mark of 30/60 or higher.**

The evaluation of qualifications will cover university training, as well as any further training and professional and research experience and any scientific publications.

**Criteria for the evaluation of qualifications**

The points for the evaluation of the qualifications, for which a maximum score of 30 points is reserved, are awarded as described below.

**University course of study, up to a maximum of 14 points**, with the following being awarded: a university degree grade up to a maximum of 9 points, as follows Grade 110/110 cum laude: points 9

Grades 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 Grades

below 90/110: 0 points

For candidates who obtain the qualification required for admission after the deadline for applications, for whom it is not possible to assess the degree mark, the average curriculum mark of the examinations taken will be assessed, awarding up to a maximum of 7 points, according to the scheme relating to the degree mark previously reported; for this purpose the average curriculum mark, multiplied by 110 and divided by thirty, is rounded to the nearest unit.

to the dissertation, up to a maximum of 5 points per relevant dissertation, awarding

- to the dissertation of excellent quality, in terms of scientific depth, 5 points;
- to the dissertation of good quality, in terms of scientific depth, 3 points;
- to dissertations of sufficient quality, in terms of scientific depth, 1 point.

For candidates who obtain the qualification required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria only if it is produced in a definitive version with the signature of the Supervisor.

**Further training and relevant professional and research experience, up to a maximum of 8 points** for further training and relevant professional and research experience, awarding

- for each relevant professional experience in the field of scientific research (research grant, scholarship for research projects, research contract): 4 points
- for all other relevant experience in the field of scientific research and teaching (research collaboration, lecturer and/or tutor in university teaching, participation in congresses): 2 points
- for each relevant training course (2nd level master's degree, specialisation, 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, awarding

- to each publication of very good quality, in terms of scientific depth and editorial relevance, 3 points
- to each publication of good quality, in terms of scientific depth and editorial relevance, 2 points;
- at each publication of sufficient quality, under the profile scientific depth and editorial relevance, 1 point.

The interview will consist of questions put to the candidates on the subject of the discussion of the qualifications and the subjects of the doctorate.

The interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests.

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

For interviews held in Italian, knowledge of the language: ENGLISH will be tested. For this purpose, passages will be prepared to be translated from the English language for the purposes of the interview.

#### **Criteria for the assessment of the interview**

The mark for the interview, the maximum value of which is 30 points, will be awarded according to knowledge of the subject; clarity of exposition; aptitude for research, willingness to experience abroad and the candidate's scientific interests.

In particular, points will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria:

30/30: very good profit in relation to the above criteria 29/30:

almost very good profit in relation to the above criteria

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

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

26/30: nearly 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit

in relation to the above criteria

17/30: seriously poor profit in relation to the above criteria 16/30: poor

profit in relation to the above criteria

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

#### **Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to attend the selection tests (or failure on the part of the candidate to connect on the day and at the time of the interview in the case of

telematic mode) will amount to implicit renouncement of participation in the selection, whatever the cause.

## LEGALITY, POLITICAL CULTURES AND DEMOCRACY

Course code	DR209
Duration	3 years
Places	4
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
curricula	1. Legality 2. Political Cultures 3. Democracy
Research project	YES compulsory
Coordinator	Prof. Sorrentino Vincenzo

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** pursuant to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

The assessment of qualifications will concern university training, as well as any further training courses and professional and research experience and any scientific publications. The evaluation will also cover the candidates' preparation of a research project to be developed during the three-year period on a topic relevant to the Course.

#### **Minimum score required in the evaluation of qualifications: 21/30**

Prior to the interview, the following will be published on the University's website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di->

research/announcements-and-forms, the list of candidates admitted to the interview, with an indication of the score obtained in the assessment of qualifications.

Candidates who do not achieve the above-mentioned minimum score in the assessment of qualifications will not be admitted to the interview.

#### **The interview will be held by videoconference**

The interview will focus on the topics covered by the PhD programme and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. To this end, the candidate is required to prepare a research project proposal to be submitted with the application for the competition, which the candidate will illustrate during the interview.

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

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

**The minimum mark for passing the interview is 21/30.**

**Eligibility is achieved with an overall mark of 42/60 or higher.**

#### **Evaluation of qualifications**

**University educational background: overall up to a maximum of 12 points,**  
awarding

Degree grade: up to a maximum of 8 points, as awarded below: Grade of 110/110

cum laude: 8 points

Grade of 110/110: points 6 Grade of

109/110: points 5 Grade of 108/110:

points 4 Grade of 107/110: points 3

Grade of 106/110: points 2 Grade of

105/110: points 1 Grade of less than

105/110: points 0

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree mark, the average curriculum mark of the examinations taken will be assessed, awarding up to a maximum of 6 points, according to the scheme relating to the degree mark previously reported; for this purpose the average curriculum mark, multiplied by 110 and divided by thirty, is rounded to the nearest unit.

To the degree thesis (Master's or specialised degree or old system, only if produced by the candidates), up to a maximum of 4 points per relevant degree thesis, awarding

4 points for a dissertation of excellent quality, in terms of scientific depth; 2 points for a dissertation of good quality, in terms of scientific depth; 1 point for a dissertation of sufficient quality, in terms of scientific depth.

point. For candidates who obtain the qualification required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria only if it is produced in a final version with the signature of the Supervisor.

**Further educational pathways and relevant professional and research experience, up to a maximum of 4 points** for further educational pathways and relevant professional and research experience, awarding

for each professional experience in the field of relevant teaching (tutoring, supporting teaching activity, responsibility for a university-level course), assessed in relation to the duration and level of direct commitment to teaching activity: from 0.5 to 1.5

for each professional experience in the field of relevant scientific research (research grant, scholarship for research projects, research collaboration) assessed in relation to the duration and level of direct engagement in the research activity: from 1.5 to 2.5: points

for each additional educational pathway (relevant master's degree, relevant specialisation, relevant habilitation, participation in relevant congresses), assessed in relation to duration and relevance: points 1.

**Publications, up to a maximum of 2 points** for relevant publications, awarded

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

to each publication of good quality, in terms of scientific depth and editorial relevance, 1 point;

to each publication of sufficient quality, in terms of scientific depth and editorial relevance, 0.5 points.

**Research project, up to a maximum of 12 points**, awarding

to the research project of excellent quality, in terms of scientific depth and research aptitude, 12 points;

to the research project of more than distinguished quality, in terms of scientific depth and research aptitude, 11 points;

to the research project of distinct quality, in terms of scientific depth and research aptitude, 10 points;

to the research project of more than good quality, in terms of scientific depth and research aptitude, 9 points;

to the research project of good quality, in terms of scientific depth and research aptitude, 8 points;

to the research project of more than sufficient quality, in terms of scientific depth and research aptitude, 7 points;

to the research project of sufficient quality, in terms of scientific depth and aptitude for research, 6 points;

to the research project of insufficient quality, in terms of scientific depth and research aptitude, 5 points;

to the research project of seriously insufficient quality, in terms of scientific depth and research aptitude, 4 points;

to the research project of low quality, in terms of scientific depth and research aptitude, 3 points;

to the research project of seriously poor quality, in terms of scientific depth and research attitude, 2 points;

to the research project of insufficient quality, in terms of scientific depth and research aptitude, 1 point;

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

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

**The interview** will focus on:

the research project presented by the candidate and the scientific/professional curriculum;

assessment, starting from the discussion of the project, of the candidates' knowledge of the candidates' knowledge of the themes characterising the PhD curricula;

The interview will be aimed at also to verification of the aptitude to research, the candidate's willingness to undertake experience abroad and scientific interests.

### **Criteria for the assessment of the interview**

**knowledge of the subject; clarity of exposition; aptitude for research, willingness to experience abroad and the candidate's scientific interests.**

In particular, marks will be awarded on the basis of the following graduation overall assessment, as a result of the application of the above criteria: 30/30: very good profit in relation to the above criteria

29/30: near excellent profit in relation to the above criteria; 28/30: more than distinguished profit in relation to the above criteria; 27/30:

distinguished profit in relation to the above criteria

26/30: almost distinguished 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: seriously insufficient profit in relation to the above criteria; 18/30: poor profit in relation to the above criteria

17/30: seriously poor profit in relation to the above criteria; 16/30: poor profit in relation to the above criteria;

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

#### **Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](#) and on the University's online notice board, giving **the dates and times of the interview** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to appear at the selection tests (or failure by the candidate to log in on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, whatever the cause.

## CLINICAL AND MOLECULAR MEDICINE

Course code	DR210
Duration	3 years
Places	6
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
With Scholarship of Department of Medicine and Surgery	<p>1 Grant for the topic "Study of the dynamics of the bone marrow immune microenvironment in patients with acute myeloid leukaemia with NPM mutation</p> <p>1 Grant for the topic "Diagnostic-clinical-therapeutic management of patients with T-lymphocyte-mediated delayed skin hypersensitivity</p>
curricula	<p>1. Pathology e clinic of atherosclerosis and ageing</p> <p>2. Neuroscience</p> <p>3. Surgical sciences</p> <p>4. Biotechnology in haematology, cell therapies and human bone marrow transplantation</p> <p>5. Radiation oncology</p>
Research project	YES mandatory
Coordinator	Prof.ssa Martelli Maria Paola

### Degrees required for admission

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

##### **Evaluation of qualifications**

In addition to the university course of study, as well as any further training and professional and research experience and any scientific publications, the assessment will also cover the preparation by the candidates of a research project of their choice aimed exclusively at evaluating the candidate on one of the topics of the curricula into which the PhD programme is divided, but which will not necessarily be the final project.

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

Prior to the interview, the following will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

##### **Interview**

The interview will focus on subjects relating to the project prepared by the candidates for admission.

The interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. To this end, the candidate is required to prepare a research project proposal to be submitted together with the application for the competition, which the candidate will illustrate during the interview.

Part of the interview will also be devoted to assessing the candidate's knowledge of the specific topics of the research projects under which the Department has funded PhD scholarships.

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

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

The interview may, at the candidate's choice, take place via videoconference or in person

##### **The pass mark for the interview is 21/30**

**Eligibility is achieved with an overall mark of 30/60 or higher**

The selection board, before starting the selection procedures, identifies the criteria and methods for awarding marks for the tests.

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## TRANSLATIONAL MEDICINE AND SURGERY

Course code	DR211
Duration	3 years
Places	3
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
curricula	1) Translational Medicine 2) Translational surgery
Research project	Mandatory
Coordinator	Prof. Fiorucci Stefano

### **Degrees required for admission**

**Master's 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 science";

**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 science'

**Degree** according to the system prior to the entry into force of Ministerial Decree 509/1999, equivalent to the above-mentioned specialised and magisterial degrees, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

### **Procedures for the selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview: (in 60ths: 30+ 30 )**

**Eligibility is achieved with an overall mark of 30/60 or higher.**

Assessment of qualifications will cover university training, any further training and professional and research experience and any scientific publications.

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

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-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

**University educational pathway up to a maximum of 15 points, awarding**

the degree mark:

up to a maximum of 8 points, as awarded below:

Grade equal to 110/110 cum laude: points

8 Grade equal to 110/110: points 7

Grade of 106/110 to 109/110: marks 6

Grade of 103/110 to 105/110: marks 5

Grade of 100/110 to 102/110: marks 4

Grade of 96/110 to 99/110: marks 3

Grade of 93/110 to 95/110: marks 2

Grade from 90/110 to 92/110: 1 point

Grade less than or equal to 89/110: 0 points

To the dissertation, only if produced by the candidates up to a maximum of 7 points per relevant dissertation, awarding

to the degree thesis of excellent quality, in terms of scientific thickness, 7 points; to the degree thesis of good quality, in terms of scientific thickness, 5 points; to the degree thesis of fair quality, in terms of scientific thickness, 3 points to the degree thesis of sufficient quality, in terms of scientific thickness, 1 point.

**Further training courses and professional and research experience, up to a maximum of 9 points** for further training courses and professional experience, with particular regard to relevant research experience, only if correctly declared and documented by the candidates, awarding

- for each professional experience, relevant to the topics of the PhD curricula, in the field of teaching (tutoring, supporting teaching activities) relevant: up to 1 point;
- for each professional experience, relevant to the subjects of the PhD curricula, in the field of scientific research (research grant, scholarship for research projects, research collaboration) relevant: up to 4 points
- for each additional training course (2nd level master's degree, specialisation if acquired, habilitation, training course, participation in scientific congresses, awards

by scientific societies for contributions to congresses) relevant to the topics of the PhD curriculum: up to 4 points

**Publications, only if produced by the candidates, up to a maximum of 6 points** for publications relevant to the themes of the PhD curricula, acknowledging

- to each publication of excellent/good quality, in terms of scientific depth and editorial relevance, in which the candidate is first author, 2 points up to a maximum of 2 points
- to each publication of very good/good quality, in terms of scientific depth and editorial relevance, in which the candidate is not the first author, 1 point up to a maximum of 2 points
- to each publication of fair/sufficient quality, in terms of scientific depth and editorial relevance, 0.5 points up to a maximum of 1 point
- to each scarcely relevant publication or publication in the form of Abstracts presented at congresses, 0.5 points to a maximum of 1 point.

**The interview will be held in person, although videoconferencing will be allowed for those who explicitly request it.**

The applicant is required to prepare a research project proposal to be submitted with the application for the competition, which he/she will illustrate during the interview. A maximum of 10 points may be awarded for the evaluation of the project.

The interview will focus on the subjects of the curricula into which the PhD programme is divided and will also be aimed at verifying the candidate's aptitude for translational research, willingness to undertake experience abroad and scientific interests.

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

For interviews held in Italian, knowledge of the following language will be tested  
language: ENGLISH

**The pass mark for the interview is 21/30**

The selection board establishes the following criteria for the evaluation of the interview

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

In particular, marks will be awarded on the basis of the following gradation  
overall assessment, as a result of the application of the above criteria:

- 30/30: very good profit in relation to the above criteria

- 29/30: almost excellent profit in relation to the above criteria
- 28/30: profit more than distinguished 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: seriously insufficient profit in relation to the above criteria
- 18/30: poor profit in relation to the above criteria
- 17/30: seriously poor profit in relation to the above criteria
- 16/30: poor profit in relation to the above criteria
- 15/30: seriously deficient profit in relation to the above criteria

#### **Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## MEDICINE AND EXPERIMENTAL THERAPIES

(PhD in associated form with companies)

Course code	DR 225
Duration	3 years
Places	8
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With scholarship funded by the Department of Medicine and Surgery	1
With Scholarship reserved for Palestinian male and female students resident in the Palestinian Territories interested in applying to the call for PhDs within the AICS Initiative entitled "Multi-disciplinary action aimed at supporting gender equality education in Palestine".	<p><b>1 grant under the Multi-disciplinary action aimed at supporting gender equality education (AID 012708/01/2)</b></p> <p>The three-year amount of this doctoral scholarship is Euro 75,000.00, including university charges and the research budget</p> <p>The successful student in this position will not receive any further increase in the grant for any stays abroad</p>
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	<p>2 places reserved for employees of SANOFI S.P.A.</p> <p>1 place reserved for employees of OM Pharma Sa (Vifor)</p>
In Convention	<p>SANOFI S.P.A.</p> <p>OM PHARMA SA (VIFOR)</p>
curricula	<p>1. INTEGRATIVE BIOLOGY OF THE HOST-PATHOGEN RELATIONSHIP</p> <p>2. INTEGRATED BIOLOGICAL STRATEGIES IN GENETIC, IMMUNOMETABOLIC AND ONCOLOGICAL DISEASES</p>

<b>Research project</b>	<b>YES mandatory</b>
<b>Coordinator</b>	Prof. Spaccapelo Roberta

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**.

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

#### **Minimum overall score from which candidates are deemed suitable 30/60**

**The evaluation of the** academic titles, in addition to the university course of study, as well as any further training and professional and research experience and any scientific publications, will also include the preparation by the candidates of a research project in English of their choice, lasting three years, aimed exclusively at evaluating the candidate on one of the topics of the curricula into which the doctorate is divided.

### **Criteria for the evaluation of qualifications**

**University course of study, up to a maximum of 12 points**, with the following being awarded: a university degree grade up to a maximum of 9 points, as follows Grade equal to 110/110 cum laude: points 9  
Grade of 110/110: marks 8  
Grade of 109/110: marks 7  
Grade of 108/110: marks 6  
Grade of 107/110: marks 5  
Grade of 106/110: marks 4  
Grade of 104/110 to 105/110: 3 points  
Grade of 100/110 to 103/110: 2 points  
Grade of less than 100/110: 1 point

The degree grade of candidates graduating abroad will be calculated in different ways, detailed below, depending on the documentation provided by the candidates and the country in which the degree was obtained using the following reference tools:

1. Annex No. 2 to Ministerial Decree No. 859 of 2 May 2019
2. University Systems Database: available at <https://www.cimea.it/pagina-banca-dati-dei-sistemi-universitari>;

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the curricular average of the examinations taken will be assessed, recognising up to a maximum of 9 points, according to the

scheme relating to the degree mark previously reported; for this purpose the average mark curriculum, multiplied by 110 and divided by thirty, is rounded up to the nearest unit.

**To the dissertation, up to a maximum of 3 points** per relevant dissertation, awarding

- to the highly relevant dissertation of quality, in terms of scientific depth, 3 points;
- to the dissertation of medium relevance and quality, in terms of scientific depth, 2 points;
- to the dissertation of sufficient relevance and quality, in terms of scientific depth, 1 point.

For candidates who obtain the title required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria only if it is produced in a final version with the signature of the Supervisor.

#### **Additional educational, professional and research experience**

**up to a maximum of 4 points** for further training courses and relevant professional and research experience, awarding

- for each documented and relevant professional experience in university teaching (tutoring, supporting teaching activity, supplementary teaching activity): 0.1 points per experience, up to a maximum of 0.5 points;
- for each documented and relevant professional experience in the field of scientific research in academic and non-academic spheres of at least 3 months (research grant, scholarship/research grant, research collaboration, fixed-term contract): 0.5 points per experience, up to a maximum of 2 points
- for each additional documented and relevant training pathway (2nd level master's degree, habilitation, relevant training courses, relevant research experience abroad (Erasmus), attendance of university courses, university pathways leading to a 1st or 2nd level degree): 0.5 points per training pathway, up to a maximum of 1.5 points
- for each additional documented and relevant educational pathway in the medical field (specialisation): 0.2 points per pathway, up to a maximum of 0.4 points.

#### **Publications**

**up to a maximum of 4 points** for relevant publications, awarding

- to each publication of excellent quality, in terms of scientific depth and editorial relevance with the following requirements:
  - o IF > 5 in journal in Q1 points 2
  - o IF > 5 in journal in Q2 points 1.8
  - o IF > 5 in journal in Q3 points 1.5
- to each publication of good quality in terms of scientific depth and editorial relevance with the following requirements
  - o IF 1.5 - 5 in journal in Q1 points 1.8
  - o IF 1.5 - 5 in review in Q2 points 1.5
  - o IF 1.5 - 5 in journal in Q3 points 1.2
- to each publication of sufficient quality in terms of scientific depth and editorial relevance with the following requirements
  - o IF < 1.5 in journal in Q1 points 1.5
  - o IF < 1.5 in journal in Q2 points 1.3
  - o IF < 1.5 in journal in Q3 points 1.0
- Abstracts presented at national or international congresses, as first name: 0.2 points For non bibliometric fields, awarding the following points
- to each monograph of very good quality: 2 points

- to each scientific article of good quality: 1.5 points;
- to each book chapter of good quality: 0.3 points;
- Abstracts presented at national or international congresses: 0.2 points.

### **Research project**

The candidate is required to prepare a research project proposal **in English** , (max 2000 words) to be submitted with the application for the competition, which the candidate will illustrate during the interview.

**up to a maximum of 10 points**, awarding

- to the research project of excellent quality, in terms of scientific depth and research aptitude, 10 points;
- to the research project of almost excellent quality, in terms of scientific depth and the research project, 9 points;
- to the research project of more than distinguished quality, in terms of scientific depth and research aptitude, 8 points;
- to the research project of distinguished quality, in terms of scientific depth and research aptitude, 7 points;
- to the research project of almost distinguished quality, in terms of scientific depth and the research aptitude, 6 points;
- to the research project of more than good quality, in terms of scientific depth and research aptitude, 5 points;
- to the research project of good quality, in terms of scientific depth and research aptitude, 4 points;
- to the research project of almost good quality, in terms of scientific depth and research aptitude, 3 points;
- to the research project of more than sufficient quality, in terms of scientific depth and research aptitude, 2 points;
- to the research project of sufficient quality, in terms of scientific depth and research aptitude, 1 point.

In the case of projects submitted in Italian, the Commission will in any case proceed to assess the paper taking this element into account when awarding points.

The interview may, at the candidate's choice, take place by videoconference or in person.

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

For interviews held in Italian, knowledge of the following language will be tested  
language: English

**The interview** will consist of questions put to the candidates, after they have been drawn, aimed at verifying the skills acquired by the candidates in the course of their professional experience in academic and non-academic spheres.

- The interview will also be aimed at verifying aptitude for research, the willingness to carry out experiences abroad and the candidate's scientific interests.
  - The candidate must illustrate the research project submitted with the application by means of a presentation in English (max. 5 slides). The presentation of the project must be no longer than 5 minutes.
  - For interviews held in Italian, knowledge of the English language will be assessed by reading and translating a passage in English from the selected questions.
- At the candidate's choice, the interview may be held in English. The Commission establishes the following criteria for assessing the interview

**knowledge of the subject; clarity of exposition; aptitude for research, willingness to undertake experience abroad, the candidate's scientific interests and knowledge of the English language.**

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria: 30/30:

excellent performance in relation to the above criteria

29/30: almost very good profit in relation to the above criteria 28/30:

more than very good profit in relation to the above criteria 27/30: very

good 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: nearly 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria

17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria

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

#### **Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

**HEALTH AND VETERINARY EXPERIMENTAL SCIENCES**  
(PhD in associated form with companies)

Course code	DR214
Duration	3 years
Places	6
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	1 place reserved for employees of the Istituto Zooprofilattico Sperimentale del Piemonte Liguria e Valle d'Aosta  1 place reserved for employees of Azienda USL di Modena  1 place reserved for employees of WIISE Srl
In Convention	<ul style="list-style-type: none"> <li>• EXPERIMENTAL ZOOPROPHYLACTIC INSTITUTE OF PIEMONTE, LIGURIA AND VAL D'AOSTA</li> <li>• WIISE Srl</li> <li>• Modena Local Health Authority</li> </ul>
curricula	1) Biotechnology applied to veterinary sciences  2) Veterinary public health and food hygiene  3) Veterinary clinical sciences and diagnostics
Research project	Mandatory
Coordinator	Prof. Cenci Goga Beniamino Third

**Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows

### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

The tests will be conducted in presence

#### **Evaluation of qualifications**

##### **University educational background up to a maximum of 15 points**

University degree mark up to a maximum of 15 points:

110L: 15

110: 14

109: 13

108: 12

107: 11

106: 10

105: 9

104: 8

103: 7

102: 6

101: 5

100: 4

99: 3

< 99: 0

Degree in a foreign university: conversion formula for degree grades published by MIUR ([http://attiministeriali.miur.it/media/240734/allegato\\_5.pdf](http://attiministeriali.miur.it/media/240734/allegato_5.pdf)) e page web page (<https://www.scholaro.com/pro/Countries/>) for the minimum and maximum values of the degree grade in the foreign university of origin

Candidates with required qualification but no degree

grade, curricular average: >29: 13 points

29-28: 12 points

27-26: 11 points

< 26: 0 points

##### **Additional educational, professional and research experience up to a maximum of 3 points**

training period and internship abroad: 1 point per year or part thereof professional

experience in the field of research: 1 point per year or part thereof research grants,

scholarships and/or contracts: 1 point per year or part thereof

further training (2nd level university master's degree, specialisation degree, other relevant degree): 1 point per degree

**Relevant publications up to a maximum of 3 points:**

International journal with referee: 1 National  
journal with referee: 0.5 Proceeding per  
extended congress: 0.25

**Research project up to a maximum of 9 points**

excellent quality scientific depth and research aptitude: 9 excellent  
quality scientific depth and research aptitude: 8 nearly excellent quality  
scientific depth and research aptitude: 7 good quality scientific depth  
and research aptitude: 6  
almost good quality scientific depth and research aptitude: 4 sufficient  
quality scientific depth and research aptitude: 3

The interview may, at the candidate's choice, be held: in person or by videoconference, in the event of justified and proven reasons.

For interviews held in Italian, knowledge of the following language will be tested  
language: English

The interview will focus on the subjects of the curricula into which the PhD programme is divided, through topics drawn by lot from three pulls (one pull per curriculum) and on the presentation and discussion of the project, and will be aimed at verifying the candidate's aptitude for research (also through discussion of the dissertation), willingness to carry out experiences abroad and scientific interests, -

The interview may, at the candidate's choice, be held in English. The interview will  
assess comprehension of scientific texts in English.

The candidate is required to prepare a research project proposal to be submitted with the application for the competition, which the candidate will illustrate during the interview.

**The pass mark for the interview is 18/30.**

**The criteria for assessing the interview are as follows:** knowledge of the subject; clarity of exposition; aptitude for research; willingness to undertake experience abroad and the candidate's scientific interests.

In particular, marks will be awarded on the basis of the following gradation  
overall assessment, as a result of applying the above criteria:  
30/30: very good profit in relation to the above criteria 29/30:  
almost very good profit in relation to the above criteria  
28/30: more than distinguished profit in relation to the above criteria  
27/30: distinguished 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria  
17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria  
15/30: seriously deficient performance in relation to the above criteria

**Minimum overall score from which candidates are deemed suitable 25/60**

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic mode) will be considered as implicit renouncement of participation in the selection, whatever the cause.

## BIOLOGICAL AND NATURAL SCIENCES

Course code	DR215
Duration	3 years
Places	3
of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarships	2
curricula	1) Life processes and human well-being 2) Organism-environment interaction
Research project	YES compulsory
Coordinator	Prof. Rebora Manuela

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+ 30).**

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

Prior to the interview, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

**The interview will be considered successful if a mark of no less than 21/30 is obtained.**

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

**Evaluation of the qualifications** In addition to the university course of study, as well as any further training and professional and research experience and any scientific publications, the candidates will also be asked to draw up a research project of their choice, lasting three years, aimed exclusively at evaluating the candidate on one of the topics of the curricula into which the doctorate is divided. The research project must relate to one of the following topics related to the curricula in which the PhD is divided:

**Curriculum Life Processes and Human Well-being:**

**Curriculum Organism-Environment Interaction**

A maximum score of 30 points is reserved for the evaluation of qualifications, bearing in mind that a minimum score of 15/30 is required for the interview. University educational pathway, up to a maximum of 6 points, acknowledging the degree grade: up to a maximum of 3 points, as attributed below:

- Grade equal to 110/110 cum laude: 3 points
- Grade of 110/110: 2.5 points
- Grade of 109/110: 2 points
- Grade of 108/110: 2 points
- Grade of 107/110: 1 point
- Grade of 106/110: 1 point
- Grade of 105/110: 0.5 points
- Grade of 104/110: 0.5 points
- Grade below 104/110: 0 points

For candidates for whom it is not possible to assess the degree mark, the Commission will assess the average curriculum mark of the examinations taken, awarding up to a maximum of 3 points, according to the scheme relating to the degree mark previously reported; to this end the average curriculum mark, multiplied by 110 and divided by thirty, is rounded to the nearest unit. For candidates who have obtained their degree from a foreign university, the Commission will use the grade conversion system reported in attachment 2 to MIUR decree no. 859 of 02\_05\_2019

**A maximum of 3 points** per dissertation, only if produced by the candidates and if relevant to the themes of the Doctorate, awarding

- to dissertations of excellent quality, in terms of scientific depth, points 3;
- to dissertations of good quality, in terms of scientific depth, points 2;
- for dissertations of sufficient quality, in terms of scientific depth, points 1;
- for dissertations of insufficient quality, in terms of scientific depth, 0 points.

**Further training and professional and research experience, up to a maximum of 2 points**

for further training courses and relevant professional and research experiences, only if correctly declared and documented by the candidates, awarding

- for professional experiences in the field of teaching, such as tutoring and teaching support activities for subjects related to the PhD: maximum 0.5 points; (It should be noted that being an expert in the subject cannot be assessed in this context, as this quality does not integrate any type of professional experience formalised in a contractual hypothesis)
- for professional experience in the field of scientific research relevant to the topics of the PhD, such as research grants, scholarships for research projects, research collaboration: maximum 1 point;
- for further training courses relevant to the themes of the PhD, such as 2nd level masters, specialisation schools, professional qualification: maximum 0.5 points;

**Publications, up to a maximum of 2 points** for publications in international scientific journals, only if produced by the candidates and if pertinent to the themes of the PhD programme, acknowledging

- for publications of excellent quality, in terms of scientific depth and editorial relevance, points 2;
- for publications of good quality, in terms of scientific depth and editorial relevance, points 1;
- for publications of sufficient quality, in terms of scientific depth and editorial relevance, points 0.5.

**Research project, up to a maximum of 20 points**, only if produced by the candidate and, in terms of its relevance to one of the themes of the curricula in which the doctorate is divided, of the scientific thickness (presentation of the state of the art,

clarity of objectives, relevance of expected results) and research aptitude (appropriateness and feasibility of the proposed methodologies and timeframe):

- to the research project of excellent quality, points 20
- to the research project of very good quality, 15 points
- to the research project of good quality, 10 points
- to research project of fair quality, 7 points
- to research projects of sufficient quality, 4 points
- to research projects of insufficient quality, 0 points

#### **The interview will be held by videoconference**

The interview will focus on the subjects of the curricula into which the PhD programme is divided. The interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experiences abroad and scientific interests.

To this end, the candidate is required to prepare a research project proposal to be submitted together with the application for the competition, which the candidate will illustrate during the interview;

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

For interviews held in Italian, knowledge of the following language is required  
language: ENGLISH

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

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria:

- 30/30: very good profit in relation to the above criteria
- 29/30: almost excellent profit in relation to the above criteria
- 28/30: profit more than distinguished 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: seriously insufficient profit in relation to the above criteria
- 18/30: poor profit in relation to the above criteria
- 17/30: seriously poor profit in relation to the above criteria
- 16/30: poor profit in relation to the above criteria
- 15/30: seriously deficient profit in relation to the above criteria

**Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## CHEMICAL SCIENCES

Course code	DR216
Duration	3 years
Places	6
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With Fellowships funded by the Department of Chemistry, Biology and Biotechnology	1 Fellowship for the topic "GoPV: Carbon Nanostructures and Fullerenes in Space: A Theoretical and Computational Chemistry Approach  1 Grant for the theme "Development of analytical methodologies for the determination of fluorinated substances and other pollutants in drinking/waste water"
Grant funded by CNR-ISPC	1 Scholarship for the theme "Scientific methodologies and technologies for cultural heritage".
curricula	1) Spectroscopy, kinetics chemistry e molecular dynamics  2) Methods and materials f o r catalysis, energy, environment and cultural heritage  3) Theoretical chemistry and computational modelling
Research project	YES mandatory
Coordinator	Prof. De Angelis Filippo

### Degrees required for admission

**Master's degree in:** 7/S "Agricultural Biotechnology", 8/S "Industrial Biotechnology", 9/S "Medical, Veterinary and Pharmaceutical Biotechnology", 14/S "Pharmacy and Industrial Pharmacy", 61/S "Materials Science and Engineering", 62/S "Chemical Sciences", 81/S "Industrial Chemistry Science and Technology"; **Master's degree in:** LM-7 'Agricultural Biotechnology', LM-8 'Industrial Biotechnology', LM-9 'Medical, Veterinary and Pharmaceutical Biotechnology', LM-13 'Pharmacy and Industrial Pharmacy', LM-53 - 'Science and Engineering

Materials Science and Engineering', LM-54 'Chemical Sciences', LM-71 'Industrial Chemistry Science and Technology';

**Degree** according to the system prior to the entry into force of Ministerial Decree 509/1999, equivalent to the above-mentioned specialised and magisterial degrees, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

#### **Procedures for the selection procedure**

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30).**

The assessment of qualifications will cover university training and any further training, professional and research experience and any scientific publications.

The evaluation will also focus on the candidates' preparation of a research project to be developed during the three-year period on one of the topics of the curricula into which the doctorate is divided

#### **Minimum overall score from which candidates are deemed suitable 36/60 Assessment of qualifications**

In addition to the university course of study, as well as any further training and professional and research experience and any scientific publications, the candidates will also be asked to prepare a research project of their choice, lasting three years, aimed exclusively at assessing the candidate on one of the topics of the curricula into which the doctorate is divided

#### **The interview will be held by videoconference**

The interview will focus on the themes of the curricula into which the doctorate is divided and on the presentation of the research project.  
on the presentation of the research project.

The interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. To this end, the candidate is required to draw up a research project proposal to be submitted together with the application to take part in the competition, which the candidate will illustrate during the interview.

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

For interviews held in Italian, knowledge of the following language will be tested  
language: ENGLISH

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

### **Evaluation of qualifications.**

#### **University course of study: up to a maximum of 10 points:**

Master's degree grade: up to a maximum of 6 points, as awarded below: Grade equal to 110-110/110 cum laude: points 6

Grade of 105-109/110: 5 points

Grade of 102-104/110: 4 points

Grade of 99-101/110: 3 points

Grade of 96-98/110: 2 points

Grade of 93-95/110: 1 point

Grade of less than 93/110: 0 points

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree mark, the curricular average of the examinations taken will be assessed, awarding up to a maximum of 6 points, according to the scheme relating to the degree mark previously reported; for this purpose the curricular average mark, multiplied by 110 and divided by thirty, is rounded to the unit:

Average curricular grade of 104-110/110: points 6

Average curricular grade of 102-103/110: points 5

Average curricular grade of 99-101/110: points 4

Average curricular grade of 96-98/110: points 3

Average curricular grade of 93-95/110: points 2

Average curricular grade of 90-92/110: points 1

Average curricular grade of less than 90/110: points 0

To the Master's thesis

up to a maximum of 2 points per relevant dissertation, awarding

- to the dissertation of excellent quality, in terms of scientific depth, 2 points;

- good quality dissertation, in terms of scientific depth, 1.5 points;

- 1 point for a dissertation of sufficient quality, in terms of scientific depth.

For candidates who obtain the qualification required for admission after the deadline of the call for applications, the dissertation will only be evaluated according to the above criteria if it is produced in a final version with the signature of the Supervisor or equivalent.

To the Bachelor's degree grade

up to a maximum of 2 points, as awarded below:

Grade equal to 108 - 110/110 cum laude: points 2

Grade equal to 99-107/110: points 1

Grade below 99/110: 0 points

For a single-cycle degree, up to a maximum of 8 points, as awarded below: Grade of 108-

110/110 cum laude: 8 points

Grade of 106-108/110: marks 7

Grade of 103-105/110: marks 6

Grade of 99-102/110: marks 5

Grade of 95-98/110: marks 3

Grade of 92-94/110: marks 1

Grade of less than 92/110: marks 0

For candidates who obtain the qualification required for admission after the deadline for applications, for whom it is not possible to assess the degree mark, the curricular average of the examinations taken will be assessed, awarding up to a maximum of 8 points, according to the scheme

relative to the degree grade previously awarded; for this purpose the average curricular grade, multiplied by 110 and divided by thirty, is rounded to the nearest unit:

Average curricular grade equal to 104-110/110: points 8

Average curricular grade equal to 102-103/110: points 7

Average curricular grade equal to 99-101/110: points 6

Average curricular grade equal to 96-98/110: points 5

Average curricular grade equal to 93-95/110: points 3

Average curricular grade equal to 90-92/110: points 1

Average curricular grade less than 90/110: points 0

**Additional relevant educational, professional and research experience, up to a maximum of 3 points:**

- for each professional experience in the field of teaching and relevant to the doctoral pathway (tutoring, supporting teaching activities), points 1;
- for each professional experience in the field of scientific research and relevant to the doctoral programme (research grant, scholarship for research projects, research collaboration, internship), 1 point;
- for each additional educational pathway relevant to the doctoral pathway (2nd level master's degree and/or school of specialisation, relevant specialisation, Erasmus placement or relevant pathways abroad, relevant qualification (state examination)), points 1.

**Publications and conference activities, up to a maximum of 2 points for relevant publications:**

- to each publication of good quality, in terms of scientific depth and editorial relevance, points 1.
- to each congress communication 0.25 points.

**Research project, up to a maximum of 15 points:**

- to the research project of excellent quality, in terms of scientific depth and research aptitude, 15 points;
- to the research project of very good quality, in terms of scientific depth and research aptitude, 14 points;
- for a research project of outstanding quality in terms of scientific depth and research capability, 12 points. research aptitude, 12 points;
- for a research project of more than good quality, in terms of scientific depth and research aptitude, 14 points. research aptitude, 10 points;
- to the research project of good quality, in terms of scientific depth and research aptitude, 9 points;
- to research project of moderate quality, in terms of scientific depth and research aptitude, 7 points research aptitude, 7 points;
- research project of sufficient quality, in terms of scientific depth and research aptitude, 5 points. research aptitude, 5 points;
- for research projects of insufficient quality, in terms of scientific depth and research aptitude, 5 points; -for research projects of insufficient quality, in terms of scientific depth and research aptitude, 5 points.
- research aptitude, 0 points

### **Assessment of the interview**

The interview will focus on the project proposed by the candidates and on questions relating to the topics of the curricula in which the PhD programme is divided.

The interview will be aimed at also to verification of the aptitude to research, the candidate's willingness to gain experience abroad and scientific interests.

Criteria for the assessment of the interview: knowledge of the subject and clarity of exposition.

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria: 30/30:

excellent performance in relation to the above criteria

29/30: very good profit in relation to the above criteria 28/30:

almost very good profit in relation to the above criteria

27/30: distinct profit in relation to the above criteria 26/30: nearly 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: nearly 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: barely sufficient profit in relation to the above criteria 19/30: insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria  
17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria  
15/30: seriously deficient profit in relation to the above criteria  
10/30: profit more than seriously deficient in relation to the above criteria

**Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

**AGRICULTURAL, FOOD AND ENVIRONMENTAL SCIENCES AND BIOTECHNOLOGY**  
(PhD in associated form with companies)

Course code	DR217
Duration	3 years
Places	7
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With grants funded by the Department of Agricultural, Food and Environmental Sciences	1 Grant for the topic "Conservation and sustainable use of wild progenitors of plant species of agricultural interest  1 Grant for the topic "Forecasting the harvesting time of industrial peas".
Places reserved for employees of companies engaged in highly qualified activities (industrial doctorate)	2 posts reserved for PIC ITALIA employees
In Convention with	PIC ITALY
Research project	YES mandatory
Coordinator	Prof. Albertini Emidio

**Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

**Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications (including presentation of a project) and interview (in 60ths: 30 + 30).**

**Evaluation of qualifications**

In addition to the university training course, as well as any further training and professional and research experience and any scientific publications, it will also involve the preparation by the candidates of a research project of their choice, lasting three years, aimed exclusively at assessing the candidate on one of the topics of the curricula into which the PhD is divided:

**CURRICULUM SUSTAINABLE PRODUCTION SYSTEMS AND ENVIRONMENT**

a) Valorisation of agro-industrial waste biomass for the development of biobased materials aimed at improving crop performance under normal, saline and drought conditions. Valorisation of agro-industrial waste biomass for the development of biobased materials to enhance crop performance in normal and salinity and drought conditions.

b) Forecasting processing pea harvest time. Forecasting processing pea

harvest date **CURRICULUM AGROFOOD AND ANIMAL PRODUCTION**

a) Sustainable rearing strategies for poultry and rabbits: the ONE WELFARE approach.

Sustainable rearing strategies for poultry and rabbits: the ONE WELFARE approach.

b) The role of phenomics in pig genetic selection in response to environmental and welfare challenges. The role of phenomics in pig genetic selection in response to environmental and welfare challenges.

c) Sustainability and Innovation in the Olive-Oil Supply Chain: The smart mill for the improvement of the extraction process and oil quality. Sustainability and Innovation in the Olive-Oil Supply Chain: The Smart Mill for Enhancing the Extraction Process and Oil Quality

d) Conservation and sustainable use of wild progenitors of plant species of agricultural interest. Conservation and sustainable use of Crop Wild Relatives

**University education, up to a maximum of 10 points, awarding**

Graduation grade, up to a maximum of 10 points, as awarded below: Grade of

110/110 cum laude: points 10

Grade of 110/110: 9 points

Grade of 109/110: 8 points

Grade of 108/110: 7 points

Grade of 107/110: marks 6

Grade of 106/110: marks 5

Grade of 104/110 to 105/110: 4 points

Grade of 100/110 to 103/110: 2 points

Grade of less than 100/110: 0 points

For candidates who obtain the required qualification after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the Commission will assess the average curricular grade of the examinations taken, awarding 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 unit.

**Further training** courses and professional and research experience **-Up to a maximum of 2 points** for further training courses and relevant professional and research experience, awarding

- for each relevant professional experience in the field of teaching (tutoring, supporting teaching activity): 1 point
- for each professional experience in the field of scientific research (research grant, scholarships for research projects, research collaboration, etc.) relevant: for a total duration of more than 1 month and less than 12 months, 1 point
- for each relevant professional experience in the field of scientific research (research cheque, scholarship for research projects, research collaboration, etc): for a total duration of 12 months or more, points 2;
- for each additional training course (relevant 2nd level master's degree, relevant specialisation, relevant habilitation, participation in relevant congresses, etc.): 0.5 points.

**Publications - up to a maximum of 3 points** for relevant publications, awarding

- to each publication in the ISI/Scopus databases, 2 points;
- to each publication not present in the ISI/Scopus databases, but of good quality in terms of scientific depth, 1 point;
- - to each publication not included in the ISI/Scopus databases, but of sufficient quality in terms of scientific depth, 0.5 points
  - to each abstract presented as a communication or poster at an international conference, 0.25 points;
- for each abstract presented as a communication or poster at a national conference, 0.125 points

**Research project - up to a maximum of 15 points**, awarding

- to the research project of excellent quality, in terms of scientific depth  
the aptitude

research and methodological approach congruent with the objectives of the proposed research, 15  
points;

- to the research project of distinguished quality, in terms of scientific depth  
research aptitude and approach

methodological approach congruent with the objectives of the proposed research, 12 points;

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

-  
to the research project of fair quality, in terms of scientific depth, research aptitude and  
methodological approach congruent with the objectives of the proposed research, 8 points

-  
to the research project of sufficient quality, in terms of scientific depth, research aptitude and  
methodological approach congruent with the objectives of the proposed research, 6 points

- to the research project of almost sufficient quality, in terms of scientific depth, research  
aptitude and methodological approach congruent with the objectives of the proposed research, 4  
points

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

- to the research project of non-assessable quality, in terms of scientific depth, research aptitude  
and methodological approach congruent with the objectives of the proposed research, 0 points.

**A maximum score of 30 points is reserved for the evaluation of qualifications**, bearing in mind  
for candidates graduating from ITALIAN and FOREIGN UNIVERSITIES, a minimum score of 15/30 points is  
required for the oral test.

FOREIGN UNIVERSITIES, **a minimum score of 15/30 points** is required for admission to the oral test.

Prior to the interview, the following will be published on the University website at  
<https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-announcements-and-forms>, the list of candidates admitted to the  
interview, indicating the score obtained in the evaluation of qualifications.

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

**The interview will be held in person. It may be conducted by videoconference if expressly requested by the candidate.**

The interview will focus on the topics of the curricula into which the PhD programme is divided and precisely the same as those indicated for the candidate's preparation of a research project - the interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. To this end, the candidate is required to prepare a research project proposal to be submitted with the application for the competition, which the candidate will illustrate during the interview.

The interview may, at the candidate's choice, be held in English. - In the case of interviews held in Italian, knowledge of the following language will be tested: English.

**A maximum score of 30 points is reserved for the interview; it will be considered passed if an overall mark of no less than 21/30 is obtained.**

**Criteria for the assessment of the interview:** knowledge of the subject; clarity of exposition; aptitude for research, willingness to carry out experiences abroad and the candidate's scientific interests. In particular, marks will be awarded on the basis of the following overall assessment graduation, as a result of the application of the above criteria:

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

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

27/30: distinct profit in relation to the above criteria 26/30: nearly 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: seriously insufficient profit in relation to the above criteria

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

17/30: seriously 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 mark at which candidates are deemed suitable 36/60**

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

**PHARMACEUTICAL SCIENCES**  
(PhD in associated form with companies)

Course code	DR218
Duration	3 years
Places	8
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
With bursary reserved for Palestinian male and female students resident in the Palestinian Territories interested in applying to the call for PhDs within the AICS Initiative entitled "Multi-disciplinary action aimed at supporting gender equality education in Palestine"	<p><b>1 grant under the Multi-disciplinary action aimed at supporting gender equality education (AID 012708/01/2)</b></p> <p>The three-year amount of this doctoral scholarship is Euro 75,000.00, including university charges and the budget for research activities.</p> <p>The successful student will not receive any further increases in the grant for any stays abroad</p>
Places reserved for employees of enterprises engaged in highly qualified activities (industrial doctorate)	<p>1 post reserved for employees of ITEL TELECOMMUNICATIONS SRL</p> <p>1 position reserved for MAGI'S Lab employees</p> <p>1 place reserved for Janssen-Cilag SpA employees</p> <p>1 place reserved for employees of Sterling S.p.A.</p>
Conventions	<p>MAGI'S LAB</p> <p>ITEL TELECOMUNICAZIONI S.r.L.</p> <p>Janssen-Cilag SpA-Cilag SpA Sterling S.p.A.</p>
curricula	1) Early Phase Drug Discovery

	2) PHARMACEUTICAL TECHNOLOGY AND NUTRACEUTICALS
<b>Research project</b>	<b>YES mandatory</b>
<b>Coordinator</b>	Prof. Tabarrini Oriana

### **Degrees required for admission**

**Master's degree in:** 6/S 'Biology', 8/S 'Industrial biotechnology', 9/S 'Medical, veterinary and pharmaceutical biotechnology', 14/S 'Pharmacy and industrial pharmacy', 62/S 'Chemical sciences', 69/S 'Human nutrition sciences', 78/S 'Agri-food science and technology'; **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/54 "Chemical sciences", LM/61 "Human nutrition sciences", LM/70 "Food science and technology";

**Degree** according to the system prior to the entry into force of 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.

### **Procedures for the selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+ 30).**

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

Prior to the interview, a list of candidates will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The evaluation of qualifications will cover university training, as well as any further training and professional and research experience and any scientific publications. (It is advisable to enclose and/or declare all the qualifications obtained, complete with all elements useful for assessment, including, for educational courses, the individual marks obtained throughout the entire course of training).

The assessment will also cover the candidates' preparation of a research project to be developed during the three-year period on one of the topics relevant to the Course, within the curricula into which the PhD is divided. For further details on the research topics, please consult the website at: <https://dsf.unipg.it/didattica/alta-training/doctoral-research>.

**The interview, at the candidate's choice, will be held in person or by videoconference.**

The interview will focus on the topics of the curricula into which the PhD is divided: Topic 1: Early Phase drug discovery Topic 2: Pharmaceutical Technology and Nutraceuticals. The interview will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experiences abroad and scientific interests.

The candidate is required to prepare a research project proposal to be submitted with the application for the competition, which he/she will illustrate during the interview.

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

In the case of interviews held in Italian, knowledge of the English language.

**The pass mark for the interview is 18/30.**

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

The selection board, before starting the selection procedures, identifies the criteria and methods for awarding marks for the tests.

### **Interview schedule**

As of **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board, giving **the dates and times of the interview** or any other communication concerning this selection process. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to attend the selection tests (or failure by the candidate to log in on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, whatever the cause.

## LEGAL SCIENCES

Course code	DR219
Duration	3 years
Places	3
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	2
curricula	1. LAW PUBLIC INTERNAL AND SUPRANATIONAL  2. PERSON, MARKET AND NEW TECHNOLOGIES  3. THEORY HISTORY E COMPARISON OF LAW
Research project	YES mandatory
Coordinator	Prof. Treggiari Ferdinando

### **Degrees required for admission**

**Master's degree in:** 1/S "Cultural Anthropology and Ethnology", 5/S "Archival and Library Science", 18/S "Theoretical, Moral, Political and Aesthetic Philosophy", 21/S "Geography", 22/S "Law", 54/S "Urban and Environmental Spatial Planning", 60/S "International Relations", 64/S "Economics", 70/S "Political Science", 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 standardisation and legal information", "LMG/01 "Jurisprudence

**Master's degree in:** LM-1 'Cultural anthropology and ethnology', LM-5 'Archivistics and librarianship', LM-48 'Urban and environmental spatial planning', LM-52 'International relations', LM-56 'Economics', LM-62 'Political science', LM-63 "Sciences of public administration", LM-64 "Sciences of religion", LM-66 "Computer security", LM-76 "Economic sciences for the environment and culture", LM-77 "Economic-business sciences", LM-78 "Philosophical sciences", LM-81 "Sciences la

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', LMG/01 'Jurisprudence';

**Degree** according to the system prior to the entry into force of Ministerial Decree 509/1999, equated to the above-mentioned specialised and magisterial degrees, pursuant to current regulations on equivalence for the purposes of participation in public competitions.

### **Modalities for carrying out the selection procedure**

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

#### **Assessment of qualifications and project, written test and interview (in 90ths: 30+ 30+ 30).**

In addition to the university course of study, any further training courses, professional and research experience and any scientific publications, the assessment of the qualifications will also cover a three-year research project, drawn up and submitted by each candidate, dealing with one of the following topics of the curricula into which the doctorate is divided

- 1) DOMESTIC AND SUPRANATIONAL PUBLIC LAW
  - Public law
  - Civil and criminal procedural law
  - International and European Union law
- 2) PERSON, MARKET AND NEW TECHNOLOGIES
  - Personal rights
  - Commercial and labour law
  - New technologies law
- 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**

Prior to the written test, a list of candidates admitted to the written test will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the test, indicating the score obtained in the evaluation of qualifications.

Candidates who do not achieve the above-mentioned minimum score in the assessment of qualifications will not be admitted to the written test.

**The written test will be held in person at the Department of Law of the University of Perugia**

**The minimum score required to pass the written test (which is only taken by candidates who graduated in Italy) is 18/30.**

Before the interview is held, a notice will be published on the University website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-and-forms>, the list of candidates admitted to the interview, with an indication of the marks obtained in the evaluation of qualifications.

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

The interview will focus on the subjects of the curricula into which the PhD programme is divided, and will also be aimed at verifying the candidate's aptitude for research, scientific interests and willingness to undertake experiences abroad; to this end, the candidate is required to draw up a research project proposal to be submitted together with the application for the competition and which the candidate will illustrate during the interview.

The interview will take place in person.

At the candidate's request and on the basis of his or her motivations, which the Examination Committee will assess on a case-by-case basis, recognising them as suitable or not, the interview may take place by videoconference, in the virtual classroom that will be set up by the Committee and indicated to the candidate.

The interview will take place, at the candidate's choice, in Italian or English.

For interviews held in Italian, knowledge of one of the following languages is required one of the following languages: English, Spanish, French, German, Portuguese.

**The minimum mark for passing the interview is 18/30.**

**Eligibility is achieved with an overall mark of 54/90 or higher.**

**With reference to the post reserved for graduates from foreign universities**, the selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+ 30).**

The assessment of the qualifications, in addition to the university training course, any further training courses, professional and research experience and any scientific publications, will also cover a three-year research project, drawn up and

presented by each candidate, dealing with one of the following topics of the curricula into which the doctorate is divided

- 1) DOMESTIC AND SUPRANATIONAL PUBLIC LAW
  - Public law
  - Civil and criminal procedural law
  - International and European Union law
- 2) PERSON, MARKET AND NEW TECHNOLOGIES
  - Personal rights
  - Commercial and labour law
  - New technologies law
- 3) THEORY, HISTORY AND COMPARISON OF LAW
  - History of law
  - Philosophy and sociology of law
  - Comparative law

**The pass mark in the evaluation of qualifications: 12/30 for candidates who graduated abroad**

Prior to the interview, the list of candidates will be published on the University's website at <https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-research/announcements-announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The interview will be held in person.

At the candidate's request and on the basis of his or her motivations, which the Examination Committee will assess on a case-by-case basis, recognising them as suitable or not, the interview may take place by videoconference, in the virtual classroom that will be set up by the Committee and indicated to the candidate.

The interview will be held, at the candidate's choice, in Italian or English.

For interviews held in Italian, knowledge of one of the following languages will be tested: English, Spanish, French, German, Portuguese.

The interview will focus on the subjects of the curricula into which the PhD programme is divided, and will also be aimed at verifying the candidate's aptitude for research, his/her scientific interests and willingness to undertake experiences abroad; to this end, the candidate is required to draw up a research project proposal to be submitted together with the application for the competition and which he/she will illustrate during the interview.

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

For interviews held in Italian, knowledge of either English, Spanish, French or German is required. either English or Spanish or French or German, at the candidate's choice

**The pass mark for the interview is 18/30.**

**Eligibility is achieved with an overall mark of 30/60 or higher.**

The selection board, before starting the selection procedures, identifies the criteria and methods for awarding marks for the tests.

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## HUMANITIES

Course code	DR220
Duration	3 years
Places	5
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
With Community-funded scholarships of Capodarco dell'Umbria, subject to finalisation of the relevant agreement	1 Scholarship for the theme "Disability in adulthood
curricula	1) Philosophical 2) Pedagogical and psychological 3) Anthropological-linguistic
Research project	YES compulsory
Coordinator	Prof. Claudia Mazzeschi

### **Degrees required for admission**

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** pursuant to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### **Modalities for carrying out the selection procedure**

The selection procedure will be carried out as follows:

**Evaluation of qualifications and interview (in 60ths: 30+30)**

**Minimum overall score from which candidates are deemed suitable 36/60**

### **Evaluation of qualifications:**

**maximum score: 30 points; a minimum score of 15/30 is required for 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-research/announcements-and-forms>, the list of candidates admitted to the interview, with an indication of the score obtained in the evaluation of qualifications.

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

### **University educational pathway, up to a maximum of 15 points, awarding**

Graduation grade, up to a maximum of 8 points, as attributed as follows: Grade equal to 110/110 cum laude: 8 points

Grade of 110/110: marks 7

Grade of 109/110: marks 6

Grade of 108/110: marks 5

Grade of 107/110: marks 4

Grade of 106/110: marks 3

Grade from 104/110 to 105/110: 2

points Grade from 100/110 to 103/110:

1 points Grade below 100/110: 0

points

For candidates who obtain the qualification required for admission after the deadline of the call for applications, for whom it is not possible to assess the degree grade, the curricular average of the examinations taken will be assessed, awarding up to a maximum of 7 points, according to the scheme relating to the degree grade previously reported; for this purpose the curricular average grade, multiplied by 110 and divided by thirty, is rounded to the nearest unit.

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

- - to the best quality dissertation in terms of scientific depth, 7 points;
- - to the dissertation of good quality, in terms of scientific depth, 4 points;
- - to the dissertation of sufficient quality, in terms of scientific depth, 2 points.

For candidates who obtain the qualification required for admission after the deadline of the call for applications, the dissertation will be assessed according to the above criteria only if it is produced in a final version with the signature of the Supervisor.

**Further training courses and relevant professional and research experience, up to a maximum of 3 points** for further training courses and relevant professional and research experience, awarding

- for each professional experience in the field of teaching (tutoring, teaching activity support activities) if relevant: 1 point
- for each professional experience in the field of scientific research (research cheque, scholarship for research projects, research collaboration, participation in research groups, presentation of contributions at relevant conferences or seminars, report or poster at relevant conferences or seminars) if relevant: 1 point

- for each additional training course (relevant 2nd level master's degree, relevant specialisation, relevant habilitation, participation in relevant congresses): 1 point

**Publications, up to a maximum of 2 points for relevant publications, awarding**

- to each publication of excellent quality, in terms of scientific depth and editorial relevance, 2 points;
- to each publication of good quality, in terms of scientific depth and editorial relevance, 1 point;
- for each publication of sufficient quality, in terms of scientific depth and editorial relevance, 0.5 point.

**Research project, written in Italian or in one of the official languages of the EU (English or French) up to a maximum of 10 points**, awarding, in relation to the specific research topic for which the grant was applied for

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

**Assessment of the interview.**

The interview will focus on the discussion of the research project and on the topics of the candidate's chosen curriculum and will also be aimed at verifying the candidate's aptitude for research, willingness to carry out experiences abroad and the candidate's scientific interests, also starting from the choice of the curriculum made by the candidate in the application.

During the interview, the candidate will illustrate the research project proposal submitted with the application for participation in the selection for the purpose of assessing the qualifications.

The interview may, at the candidate's choice, also be held in one of the following EU languages: English, French. For the interviews held in Italian language, the knowledge of a foreign language indicated by the candidate in the application form among the following ones is required: English, French.

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

The candidate will illustrate the research project, highlighting its salient methodological features and the possibilities of realisation in the years envisaged by the course itself. In particular, the interview will be assessed on the basis of the following criteria

- knowledge of the subject;
- clarity of exposition;
- aptitude for research;
- willingness to undertake experience abroad;
- the candidate's scientific interests.

**The pass mark for the interview is 21/30.**

**Criteria for the evaluation of the interview**

knowledge of the subject; clarity of exposition; aptitude for research; availability to carry out experiences abroad; scientific interests of the candidate.

Scores will be awarded on the basis of the following overall grading scale, as a result of applying the above criteria:

30/30: very good profit in relation to the above criteria 29/30: almost very good profit in relation to the above criteria  
28/30: more than distinguished profit in relation to the above criteria  
27/30: distinguished 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: seriously insufficient profit in relation to the above criteria 18/30: poor profit in relation to the above criteria  
17/30: seriously poor profit in relation to the above criteria 16/30: poor profit in relation to the above criteria  
15/30: seriously deficient profit in relation to the above criteria

**Interview diary:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) [forms](#) and on the University's online notice board giving **the dates and times of the convocation** or any other communication concerning this selection. This diary has the value of a formal convocation **and no personal communications will be sent in this regard.**

Failure on the part of the candidate to appear at the selection tests (or failure on the part of the same to be connected on the day and at the time of the interview in the case of telematic modalities) shall be tantamount to implicit renouncement of participation in the selection, for whatever reason.

## EARTH SYSTEM AND GLOBAL CHANGE

Course code	DR221
Duration	3 years
Places	5
Of which	
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
With scholarship Department of Physics and Geology	1 grant for the subject "Planetary geology
curricula	NO
Research project	YES mandatory
Coordinator	Prof. Cherin Marco

### Degrees required for admission

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** according to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### Modalities for carrying out the selection procedure

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

#### **Minimum overall score from which candidates are deemed suitable: 33/60**

The assessment of qualifications will cover university training, as well as any further training and professional and research experience and any scientific publications. (it is advisable to attach and/or declare all the qualifications obtained, complete with all the elements useful for assessment, including, for the training courses, the individual marks obtained throughout the entire training course).

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

By way of example, a list of topics, indicated by the Board of teachers, on which the research projects of the doctoral students of the XLI Cycle will be prioritised, is published on the doctoral site.

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 including spaces.

**Evaluation of qualifications: maximum score: 30 points;**

**minimum score required for interview: 12/30**

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-research/announcements-and-forms>, the list of candidates admitted to the interview, indicating the score obtained in the evaluation of qualifications.

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

The qualifications will be assessed as follows

**University educational background, up to a maximum of 11 points**, recognising:

a. Graduation grade, up to a maximum of 8 points, as attributed below: Grade of 110/110 cum laude: 8 points  
Grade between 109/100 and 110/110: points 7  
Grade between 106/110 and 108/110: points 6  
Grade between 103/110 and 105/110: points 5  
Grade between 100/110 and 102/110: points 4  
Grade between 97/110 and 99/110: points 3  
Grade between 94/110 and 96/110: points 2  
Grade between 90/110 and 93/110: points 1  
Grade less than 90/110: points 0.5

For candidates for whom it is not possible to assess the degree mark (registration for the competition with reservations), the average mark for the examinations taken will be assessed according to the following scheme:

Average higher than or equal to 29: points 8  
Average higher than or equal to 28: points 6  
Average higher than or equal to 27: points 5  
Average higher than or equal to 26: points 3  
Average higher than or equal to 25: points 2  
Average lower than 25: points 0

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

- the dissertation of excellent quality, in terms of scientific depth and relevance to the themes of the doctorate: 3 points;
- to the dissertation of good quality, in terms of scientific depth and relevance to the themes of the doctorate: 2 points;
- to the dissertation of sufficient quality, in terms of scientific depth and relevance to the themes of the doctorate: 1 point

**Further training and relevant professional and research experience, up to a maximum of 2 points,** awarding

- 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, teaching activity support activities): 0.5 points
- for each professional experience in research (research grants, scholarships and/or contracts of at least six months' duration): 1 point
- for each additional training course (2nd level university master's degree, specialisation diploma, professional qualification): 1 point
- for each participation in congresses, schools and workshops: 0.2 points.

Publications, **up to a maximum of 2 points** for relevant publications, by awarding to each publication in a Scopus/Wos indexed journal, on the basis of originality, methodological rigour, the contribution made by the candidate and relevance to the topics of the PhD: up to a maximum of 2 points

- to each non-indexed publication, on the basis of its originality, methodological rigour, the contribution made by the candidate and its relevance to the themes of the PhD: up to a maximum of 0.5 points.

**Research project, up to a maximum of 15 points,** awarding, in relation to the scientific depth, originality and innovativeness of the project and its relevance to the themes of the PhD

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

**The interview** will focus on the characteristic themes of the doctorate, consistent with the training objectives and will also be aimed at verifying the candidate's aptitude for research, willingness to undertake experience abroad and scientific interests. To this end, during the interview the candidate will illustrate the research project proposal submitted with the application for participation in the selection process for the purpose of assessing the qualifications.

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

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

The **interview** will **be held in person**; candidates' requests to be interviewed by videoconference will be considered in the light of the reasons given.

**The pass mark for the interview is 21/30.**

The criteria for the assessment of the interview are as follows: knowledge of the subject and clarity of exposition; aptitude for research; feasibility and originality of the project presented; willingness to carry out experiences abroad and the candidate's scientific interests.

In particular, marks will be awarded on the basis of the following gradation overall assessment, as a result of the application of the above criteria:

30/30: excellent profit 29/30:

excellent profit

28/30: more than distinguished

profit 27/30: distinguished 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 sufficient profit 21/30:

sufficient profit

less than 21/30: insufficient profit

**Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University's [website at https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e- forms](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms) and on the University's online notice board, giving **the dates and times of the interview** or any other communication concerning this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to appear at the selection tests (or failure by the candidate to log in on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, for whatever reason.

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

Course code	DR222
Duration	3 years
Places	4
With scholarship reserved for graduates from foreign universities	1
With University scholarship	3
curricula	1. History and civilisation of the ancient world 2. History e art from Middle Ages to contemporary world 3. Modern and Comparative Literature
Research project	YES mandatory
Coordinator	Prof. Brufani Stefano

### Degrees required for admission

**Master's degree** pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Bachelor's degree** pursuant to the system prior to the entry into force of MINISTERIAL DECREE 509/1999: **ALL**

### Modalities for carrying out the selection procedure

The selection procedure will be carried out as follows:

#### **Evaluation of qualifications and interview (in 60ths: 30+ 30)**

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

The assessment of qualifications will take into account university training, any further training and professional and research experience, and scientific publications. The evaluation will also consider the characteristics of the research project submitted by the candidates to be developed during the three-year period on a topic relevant to the Course.

The candidate is required to draw up a research project proposal to be submitted with the application for the competition and which the candidate will illustrate during the interview.

### **Evaluation of qualifications**

Titles will be assessed as follows

**University educational background, up to a maximum of 15 points**, recognising:

a) the degree grade, up to a maximum of 8 points, as awarded below: Grade equal to 110/110 cum laude: points 8  
Grade of 110/110: marks 7  
Grade of 109/110: marks 6  
Grade of 108/110: marks 5  
Grade of 107/110: marks 4  
Grade of 106/110: marks 3  
Grade of 104/110 to 105/110: 2 points  
Grade of 100/110 to 103/110: 1 points  
Grade of less than 100/110: 0 points

b) to the dissertation, up to a maximum of 7 points by awarding

- the dissertation of excellent quality, in terms of scientific depth 7 points
- to the dissertation of good quality, in terms of scientific depth, 4 points;
- to the dissertation of sufficient quality, in terms of scientific depth, 2 points.

**Further training and relevant professional and research experience, up to a maximum of 3 points**, awarding

- for each professional experience in the field of teaching (tutoring, supporting teaching activity, supplementary teaching activity, teaching contracts in public or private university institutions) relevant: 0.5 points up to a maximum of 1 point
- for each professional experience in the field of scientific research (research grants, scholarships for research projects, participation with responsibility in archaeological excavation campaigns) relevant: 0.5 points up to a maximum of 1 point;
- for each additional educational pathway (relevant 2nd level master's degree, relevant specialisation, relevant qualification, participation in relevant congresses as speaker, diploma of archivist obtained at state archives, double degree in Italian and foreign courses of study, additional degree with respect to the one valid as access title to the present procedure, awards and recognitions for relevant research activity): 0.5 points up to a maximum of 1 point

**Publications, up to a maximum of 3 points** for relevant publications, awarding

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

**Research project, up to a maximum of 9 points**, awarding

- to the research project of distinguished, very good or excellent quality, in terms of scientific depth and research aptitude, from 7 to 9 points;
- to research projects of fair, good or very good quality, in terms of scientific depth and research aptitude, 4 to 6 points;
- to the research project of just sufficient, sufficient or more than sufficient quality, in terms of scientific depth and research aptitude, from 1 to 3 points;
- To the 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 subjects of the curricula in which the doctorate is divided.

The interview will be aimed at also to verification of the aptitude to research, the candidate's willingness to gain experience 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 may be held in English.

In the case of interviews held in Italian, knowledge of the English language.

**The interview will be held in person.**

The interview will be considered successful if an **overall mark of no less than 21/30** is obtained.

The criteria for the assessment of the interview are as follows: knowledge of the subject; clarity of exposition; aptitude for research; willingness to carry out experiences abroad and the candidate's scientific interests.

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

30/30: very good profit in relation to the above criteria

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

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

27/30: distinguished 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: seriously insufficient profit in relation to the above criteria

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

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

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

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

#### **Interview schedule:**

As from **28 July 2025**, a **notice** will be published on the University [website at](https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms)

<https://www.unipg.it/didattica/percorsi-post-laurea/dottorati-di-ricerca/bandi-avvisi-e-forms> and on the University's online notice board, giving **the dates and times of the interview** or any other communication concerning the

this selection. This notice shall serve as a formal convocation **and no personal communications will be sent in this regard.**

Failure by the candidate to attend the selection tests (or failure by the candidate to log in on the day and at the time of the interview in the case of telematic mode) will be tantamount to implicitly renouncing participation in the selection, whatever the cause.