



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore

## **Admission for the allocation of resources of the National Operation Programme in “Research and Innovation” 2014-2020 to active and accredited Doctoral Programmes**

### **Article 1**

#### **Opening**

For each PhD programme, the duration, the location of the programme, the number of additional scholarships, the coordinator, the calendar and the modalities of the competition examinations are indicated.

The resources available will be disbursed on the basis of two types of doctoral paths:

- a) ‘Innovation’, i.e. doctoral programmes focused on the theme of innovation, enabling technologies and the broader theme of digital technology, as interventions to enhance the human capital of the research world;
- b) ‘Green’, i.e. doctoral programmes focused on themes oriented towards the conservation of the ecosystem, biodiversity, as well as the reduction of the impacts of climate change and the promotion of sustainable development.

The activation of the PhD programme and the related selection procedures are subject to verification by ANVUR of compliance with the aims of Ministerial Decree 1061 of 10 August 2021.

### **PhD programme in HEALTH SYSTEMS AND SERVICE RESEARCH**

(Coordinator: Prof. Americo CICHETTI)

Duration: 3 years

Course venue: Rome

Scholarship-based positions for the theme ‘Green’: 1

- no. 1 scholarship for the realization of the research project on ‘*Development of models for the economic evaluation of innovative health technologies with a view to allocative efficiency and eco-sustainability*’.

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science, with final mark and list of exams taken with the relative grades, or certification of the degree

- obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the table of contents, introduction, conclusion and bibliography of the dissertation;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project written in Italian or English (indicative limit of 20,000 characters, spaces included) with a bibliography accompanied by an abstract in English (indicative limit of 3,000 characters, spaces included);
- at least one letter of presentation, in Italian or English, issued by university professors or researchers of national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission for the PhD programme in 'Health Systems and Service Research' consist of an evaluation of the qualifications submitted.

The selection committee will award up to 60 points for each candidate on the basis of their qualifications. Candidates will be deemed to have passed the test only if they obtain a mark of at least 40/60.

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

### **PhD programme in BUSINESS, LABOUR, INSTITUTIONS AND CRIMINAL JUSTICE**

(Coordinator: Prof. Gabrio FORTI)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 2

Scholarship-based positions for the 'Green' theme: 2

- no. 1 scholarship for the realization of the research project on *'The protection of marine biodiversity between public and private actors'*;
- no. 1 scholarship for the realization of the research project on *'The management of the ecological transition for SMEs: accompanying tools and management of past debt exposure'*.

Information: <https://dottorati.unicatt.it/impresa-lavoro-istituzioni-e-giustizia-penale>

Admission to the doctorate requires a master of science degree in law, economics or social sciences (corresponding to the following classes: LMG1 (Law), LM56 (Economics), LM62 (Political Science), LM63 (Public Administration), LM77 (Economics and Business)) with a minimum grade of 105/110 or an equivalent qualification obtained abroad.

Candidates undergoing a degree in the same classes may also be admitted if they have an average score of at least 28/30 in their final exams and will receive their degree by 31 October 2021.

Admission to the PhD programme is incompatible with enrolment and/or participation in the School of Specialisation for Legal Professions.

All candidates are required to have an adequate knowledge of Italian and one other language; if the second language is different from English, the candidate must in any case demonstrate a sufficient knowledge of English.

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate;

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission for the PhD programme in 'Business, Labour, Institutions and Criminal Justice' consist of an evaluation of the qualifications submitted and an oral test.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28<sup>th</sup> December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

## **PhD programme in INSTITUTIONS AND POLICIES**

(Coordinator: Prof. Paolo COLOMBO)

Duration: 3 years

Course venue: Milan

Scholarship-based positions for the theme '*Green*': 2

- no. 1 scholarship to carry out a research project on '*The EGD and the Italian economy: policy mechanisms, industrial responses, effectiveness analysis*';
- no.1 scholarship for the realization of the research project on '*Innovation policies and the Circular Economy transition in Italy*'.

Information: [https://scuoledidottorato.unicatt.it/istituzioni\\_e\\_politiche](https://scuoledidottorato.unicatt.it/istituzioni_e_politiche)

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the table of contents, introduction, conclusion and bibliography of the dissertation.

- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission to the PhD programme in 'Institutions and Policies' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28<sup>th</sup> December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

## **PhD Programme in MANAGEMENT AND INNOVATION**

(Coordinator: Prof. Eugenio ANESSI PESSINA)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 5

Scholarship-based positions for the theme 'Innovation': 1

- no. 1 scholarship for the realization of the research project on *'Digital transformation and new business models in small and medium enterprises'*.

Scholarship-based positions for the theme 'Green': 4

- no. 1 scholarship for the realization of the research project on *'Models of accelerators for green business in the African context'*;
- no. 1 scholarship for the realization of the research project on *'Organic Growth for Green Diversification. Conditions and process for the development of new "green" business models'*;
- no. 1 scholarship for the realization of the research project on *'Networks between enterprises and sustainable development in the value chains of SMEs Made in Italy'*;
- no. 1 scholarship for the realization of the research project on *'Green Human Resource Management and value creation: managerial practices, individual behavior, organizational performance and social impact'*.

Information: <http://dottorati.unicatt.it/management>

Access to the doctoral programme, without limits of age or citizenship, is open to those who have a master of science degree (or specialised degree, or obtained before the entry into force of DM 3<sup>th</sup> November 1999, no. 509 s.m.i.) in economics, business and related subjects or similar academic qualification obtained abroad, recognized as suitable.

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, indicating the object, the relevance, the hypotheses and the research methodology considered most suitable;
- at least one letter of presentation, in Italian or in English, issued by a university professor or a researcher of national or international scientific institutions.

The candidate may also attach to the application:

- a certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;

- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those which the candidate considers it useful to make known to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission to the PhD programme in 'Management and Innovation' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

#### **PhD Programme in EXPERIMENTAL AND TRANSLATIONAL MEDICINE** (Coordinator: Prof. Ornella PAROLINI)

Duration: 3 years

Course venue: Rome

Scholarship-based positions for the theme '*Green*': 4

- no. 1 scholarship for the realization of the research project on '*Study of the effect of chemical and pharmaceutical environmental pollutants on fetal development in an in vitro model of human placenta*';
- no. 1 scholarship for the realization of the research project on '*Green transition in laboratory research: reduction of plastic pollution in in vitro and translational experimentation*';
- no. 1 scholarship for the realization of the research project on '*In silico driven drug repurposing for Lysosomal Storage rare Disease*';
- no. 1 scholarship for the realization of the research project on '*Study of the harmful effects of volatile organic compounds on brain plasticity and of the potential beneficial effects of exosomal vesicles derived from stem cells*'.

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidate must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science programme, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission for the PhD programme in 'Experimental and Translational Medicine' consist of an evaluation of the qualifications submitted and an oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

### **PhD programme in NEUROSCIENCES**

(Coordinator: Prof. Paolo CALABRESI)

Duration: 3 years

Course venue: Rome



Scholarship-based positions: 1

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on '*Development of JOBS-based algorithms for the automated analysis of confocal images in live-imaging in the field of applied neuroscience*'.

### Application for admission

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science programme, indicating the exams taken and the relative grades, or in a foreign academic programme, indicating the exams taken and the relative grades;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (content 2000 words), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission to the PhD programme in 'Neuroscience' consist of an evaluation of the qualifications submitted.

The selection committee will award up to 60 points for each candidate on the basis of their qualifications. The test will be considered passed only if the candidate obtains a mark of not less than 40/60.

The outcome of the evaluation will be available on the following website:  
<https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

## **PhD programme in PERSON AND LEGAL SYSTEMS**

(Coordinator: Prof. Andrea NICOLUSSI)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 3

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on '*Digital real estate auctions between the need for efficiency and prevention of recycling*';

Scholarship-based positions for the theme 'Green': 2

- no.1 scholarship for the realization of the research project on '*Integrated legal strategies for the healthiness of the ecosystem*';
- no.1 scholarship for the realization of the research project on '*Environmental damage and jurisdictional protection: from compensation to inhibition. Elaboration of different models of protection*'.

Information: <http://dottorati.unicatt.it/persona-ordinamenti-giuridici>

Admission to the doctorate programme is incompatible with participation in the School of Specialisation for the Legal Professions and in another doctorate programme.

Admission to the doctorate programme requires a four-year degree or master of science degree or specialised degree in law from Università Cattolica or from another Italian or foreign university with a minimum grade of 105/110 (or equivalent) and an adequate knowledge of English or an adequate knowledge of German or French or Spanish in addition to a sufficient knowledge of English.

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the table of contents, introduction, conclusion and bibliography of the dissertation.
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate;
- at least one letter of presentation, in Italian or English, issued by university professors or researchers of national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission to the PhD programme in 'Person and Legal Systems' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

### **PhD programme in PSYCHOLOGY**

(Coordinator: Prof. Camillo REGALIA)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 8

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on *'Virtual user experience toolbox - Design and validation of an integrated methodology for the*

*evaluation of the user experience in virtual reality for the immersive prototyping of interactive products*;

Scholarship-based positions for the theme 'Green': 7

- no.1 scholarship for the realization of the research project on *'Promoting dialogue and engagement between science, producers and consumers towards a green and sustainable recovery: a Citizen Science project in the field of Bamboo cultivation*';
- no.1 scholarship for the realization of the research project on *'Nudge and sustainable finance: promoting green investment funds through choice architecture*';
- no.1 scholarship for the realization of the research project on *'Nudge in the organizations to promote green and sustainable behaviours: the case of the fight against energy and material waste in the company*';
- no.1 scholarship for the realization of the research project on *'Evaluation of the sustainability and impact of monitoring systems and advanced driving assistance in public transport. Development of multi-level and multi-agent neuroscientific protocols*';
- no. 1 scholarship for the realization of the research project on *'Green cultures & green skills: repertoires of competences for organizational sustainability*'.
- no. 1 scholarship for the realization of the research project on *'Sports as a source of individual psychophysical well-being and transformable energy for the planet: awareness of personal and community benefits as a stimulus to support green dynamics*';
- no. 1 scholarship for the realization of the research project on *'Sustainable sports tourism as a vehicle for promoting health and civic awareness towards environment for young people and communities*'.

Information: <http://dottorati.unicatt.it/psicologia>

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark, or certification of the degree awarded at a foreign university, with final mark;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a motivational letter in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, indicating the subject, relevance, hypotheses and the research methodology considered most appropriate;
- at least one letter of presentation, in Italian or English, issued by university professors or researchers of national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission to the PhD programme in 'Psychology' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the PhD programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will ask the candidate to present and discuss the research project in English. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

### **PhD programme in BASIC BIOMEDICAL SCIENCE AND PUBLIC HEALTH**

(Coordinator: Prof. Maurizio SANGUINETTI)

Duration: 3 years

Course venue: Rome

Scholarship-based positions: 4

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on '*Development of a chip-based point-of-care test using the 'Molecular Mouse' platform for the detection of pathogens and related antimicrobial resistance genes in bloodstream infections*'.

Scholarship-based positions for the theme 'Green': 3

- no.1 scholarship for the realization of the research project on '*Evaluation of natural products based on essential oils for the sanitation of public environments at risk of contamination with microorganisms including respiratory viruses*';
- no.1 scholarship for the realization of the research project on '*Integration of essential oils in aeration systems in intensive rabbit farms to reduce the spread of microorganisms with potential animal and human pathogens*';
- no.1 scholarship for the realization of the research project on '*Development of a tool to measure adherence to the planetary health diet proposed by the EAT-Lancet Commission*'.

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission for the PhD programme in 'Basic Biomedical Sciences and Public Health' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28<sup>th</sup> December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

## **PhD programme in NUTRITION AND METABOLIC SCIENCES, AGEING AND GENDER-BASED DISEASES**

(Coordinator: Prof. Alfredo PONTECORVI)

Duration: 3 years

Course venue: Rome

Scholarship-based positions: 4

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on '*Resistance to PARP inhibitors in patients with ovarian cancer*'.

Scholarship-based positions for the theme 'Green': 3

- no.1 scholarship for the realization of the research project on '*Valorisation of industrial by-products deriving from the production of biofuels*';
- no.1 scholarship for the realization of the research project on '*Correlations between the reduction of the biodiversity of the mammary microbiota, dysbiosis and breast cancer*';
- no.1 scholarship for the realization of the research project '*Self-HealthCare: Self-management of health and disease prevention*'.

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission for the PhD programme in 'Nutrition and Metabolic Sciences, Ageing and Gender-Based Diseases' consist of an evaluation of the qualifications submitted.

The selection committee will award up to 60 points for each candidate on the basis of their qualifications. Candidates will be deemed to have passed the test only if they obtain a mark of at least 40/60.

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

### **PhD programme in SCIENCES OF THE PERSON AND EDUCATION**

(Coordinator: Prof.ssa Antonella MARCHETTI)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 4

Scholarship-based positions for the theme 'Innovation': 1

- no.1 scholarship for the realization of the research project on '*Didactics of inhibition. Developing learning and creativity in immersive digital environments*'.

Scholarship-based positions for the theme 'Green': 3

- no.1 scholarship for the realization of the research project on '*Concepts and decisions related to the world of agriculture and livestock in the life cycle: towards an eco-sustainable education*';
- no.1 scholarship for the realization of the research project on '*Development of digital therapeutics with reduced impact on the environment for overcoming the psychological effects of the crisis in the context of the COVID-19 pandemic*';
- no.1 scholarship for the realization of the research project on '*Climate risk education, enterprises and adaptation*'.

Information: <https://scuoledidottorato.unicatt.it/scienze-della-formazione-home>

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidate must also attach to the



application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate.

### Evaluation procedure

The admission to the PhD programme in 'Sciences of the Person and Education' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28<sup>th</sup> December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

### **PhD programme in LANGUAGE AND LITERARY SCIENCES**

(Coordinator: Prof.ssa Anna Paola BONOLA)

Duration: 3 years

Course venue: Milan

Scholarship-based positions: 2

Scholarship-based positions for the theme 'Green':

- no.1 scholarship for the realization of the research project on *'The themes of 'green' transition in animation series aimed at kids'*;
- no.1 scholarship for the realization of the research project on *'The communication of sustainability and environmental performance of Italian leather: multilingual labelling of the production chain'*.

Information: <http://dottorati.unicatt.it/scienze-linguistiche>

Admission to the PhD programme requires a four-year degree in foreign languages and literatures or a master of science degree of the LM36, LM37, LM38, LM39 and LM94 classes.

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the table of contents, introduction, conclusion and bibliography of the dissertation.
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, with an indication of the subject, relevance, hypotheses and research methodology considered most appropriate;
- at least one letter of presentation, in Italian or English, issued by university professors or researchers of national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure

The admission to the PhD programme in 'Language and Literary Sciences' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee

will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

## **PhD programme in AGRI-FOOD SYSTEMS**

(Coordinator: Prof. Paolo AJMONE MARSAN)

Duration: 3 years

Course venue: Piacenza

Scholarship-based positions for the theme 'Green': 16

- no. 1 scholarship for the realization of the research project on '*Exploiting biodiversity in perennial crops to reduce pesticides use, increase ecosystem services provision and mitigate climate change effects*';
- no. 1 scholarship for the realization of the research project on '*Developing circularity indicators in the agricultural sector*';
- no. 1 scholarship for the realization of the research project on '*Enteric methane emissions in cattle: from the research of innovative phenotypes to the identification of favourable genetic variants for the selection of animals with low environmental impact*';
- no. 1 scholarship for the realization of the research project on '*Strategies to increase the sustainability of plant-based proteins*';
- no. 1 scholarship for the realization of the research project on '*Exploring the relationship between agricultural risk and the provision of ecosystem services: complements or substitutes?*'.
- no. 1 scholarship for the realization of the research project on '*Fertilizing the "system" to meet climate mitigation and fertility goals in intensively managed farming systems*';
- no. 1 scholarship for the realization of the research project on '*Biostimulants-mediated crops resilience to climate change*';
- no. 1 scholarship for the realization of the research project on '*Measuring to reduce enteric methane: in vitro, in silico and in vivo approaches*'.
- no. 1 scholarship for the realization of the research project on '*Reduction of the use of antibiotics in the critical phases of dairy cattle breeding (dry period, peripartum, health of the mammary gland at the beginning of lactation) through the administration of immunomodulating molecules and nutraceuticals*';
- no. 1 scholarship for the realization of the research project on '*Innovative food BLOCKchainS for the sustainable Italian food production (FOODBLOCKS)*';
- no. 1 scholarship for the realization of the research project on '*Application of genome editing to face climate change challenges in cereal crops*';

- no. 1 scholarship for the realization of the research project on '*Dairy Farm sustainability under Changing Climatic Conditions: A Business and Policy Analysis*';
- no. 1 scholarship for the realization of the research project on '*Enhancement of the supply chain "Italian peanut"*';
- no. 1 scholarship for the realization of the research project on '*Exploitation of agri-food wastes for biomethane production within a biorefinery concept*';
- no.1 scholarship for the realization of the research project on '*Investigation with advanced modelling (e.g. machine learning) of the patterns of genetic resilience to temperature/humidity increase in the Friesian breed*';
- no. 1 scholarship for the realization of the research project on the '*Use of oxygen barrier sheets on silage to reduce the use of plastics in the farm, the emission of greenhouse gases from the trenches and improve the fermentation quality of forages*'.

Information: <http://dottorati.unicatt.it/agrisystem>

#### Application procedure

In order to participate in the admission examination, candidates may indicate in their application which scholarship(s) they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project, in English, (of no more than 2,000 words) relating to one of study programme. Indicating the objectives, the methods considered most appropriate for achieving them and the expected results. The project must be countersigned by a university professor or a researcher from national or international scientific institutions. In the absence of the countersignature it is necessary to attach a letter of presentation, in English, issued by university professors or researchers from national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;

- GMAT or GRE result, if applicable.

### Evaluation procedure

The admission to the PhD programme for the 'Agri-food Systems' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The examination will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website:  
<https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

## **PhD programme in SOCIAL WORK AND PERSONAL SOCIAL SERVICES**

(Coordinator: Prof.ssa Maria Luisa RAINERI)

Duration: 3 years

Course venue: Milan

Scholarship-based positions for the theme '*Green*': 1

- no. 1 scholarship for the realization of the research project on '*Green social work. Experimentation and analysis of inclusive practices for the promotion of a circular economy in personal social services*'.

Information: <http://dottorati.unicatt.it/socialwork>

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;

- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the complete text of the thesis in .pdf format;

The candidate may also enclose with the application a list of publications considered useful for the evaluation as well as a copy of those which the candidate considers useful for the committee.

### Evaluation procedure

The admission to the PhD programme in 'Social Work and Personal Social Services' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge on the general aspects of the topics of interest of the PhD programme and on the specific field of *Green Social Work*, as well as the candidate's propensity for scientific research. During the oral examination, the jury will also assess the candidate's knowledge of the English language. The exam will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

## **PhD programme in SOCIOLOGY, ORGANIZATIONS, CULTURES**

(Coordinator: Prof. Marco CASELLI)

Duration: 3 years

Course venue: Milan

Scholarship-based positions for the theme '*Green*': 4

- no. 1 scholarship for the realization of the research project on '*Immigration, sustainability and co-development*';
- no. 1 scholarship for the realization of the research project on '*Sustainable and contributing territories*';
- no. 1 scholarship for the realization of the research project '*Reintegration economy. An economic and business model for the promotion of biodiversity*';
- no. 1 scholarship for the realization of the research project on '*Fashion cultures, business models and consumption for the circular economy*'.

Information: <http://dottorati.unicatt.it/sociologia>

### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for graduates, self-certification of the master of science degree, with final grade, or certification of the degree awarded at a foreign university, with final grade;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee.

### Evaluation procedure

The admission to the PhD programme in 'Sociology, Organisations, Cultures' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

**PhD programme in: HUMANITIES. TRADITION AND CONTEMPORANEITY**  
(Coordinator: Prof.ssa Cinzia Susanna BEARZOT)

Duration: 3 years

Course venue: Milan

Scholarship-based positions for the theme 'Green': 4

- no. 1 scholarship for the realization of the research project on *'Innovative strategies for the realization of the historical anthropized landscape: knowledge, social and environmental sustainability'*;
- no. 1 scholarship for the realization of the research project on *'Medieval monasteries as laboratories of innovation in the relationship between man and nature'*;
- no. 1 scholarship for the realization of the research project on *'Research for the integrated development of the environmental and cultural heritage of Valtellina'*;
- no. 1 scholarship for the realization of the research project on *'The culture of sustainability: resources, processes, imaginary'*.

Information: <http://dottorati.unicatt.it/studi-umanistici>

#### Application procedure

In order to participate in the admission, candidates must indicate in their application which scholarship they intend to apply for. The candidates must also attach to the application:

- a detailed *curriculum vitae et studiorum*;
- for university graduates, self-certification of the master of science degree, with final mark and list of exams taken with the relative grades, or certification of the degree obtained at a foreign university, with final mark and list of exams taken with the relative grades;
- for undergraduates, self-certification of enrolment in a master of science course, indicating the exams taken and the relative grades, or in a foreign academic course, indicating the exams taken and the relative grades;
- the table of contents, introduction, conclusion and bibliography of the dissertation.
- a motivational letter (no more than 30 lines), in Italian or English, stating the reasons for the choice, expectations and fields of interest;
- a research project (2000 words maximum), in Italian or English, indicating the subject, relevance, hypotheses and the research methodology considered most appropriate;
- at least one letter of presentation, in Italian or English, issued by university professors or researchers of national or international scientific institutions.

The candidate may also attach to the application:

- certification of any further qualifications such as master's degrees and specialisation courses taken in Italy and/or abroad and the list of exams taken with the relative grades;
- a copy of any other qualification considered useful for the assessment and the list thereof;
- a list of the publications considered useful for the evaluation as well as a copy of those that the candidate considers useful to communicate to the committee;
- GMAT or GRE result, if applicable.

#### Evaluation procedure



The admission to the PhD programme in 'Humanities. Tradition and Contemporaneity' consist of an evaluation of the qualifications submitted and an oral examination.

The selection committee will award each candidate up to 60 points for each of the two tests. Candidates who obtain a mark of at least 40/60 in the assessment of their qualifications will be admitted to the oral examination.

The oral examination will consist of an evaluation of the candidate's knowledge of the general aspects of the topics of interest of the doctoral programme, as well as his or her propensity for scientific research. During the oral examination, the selection committee will also assess the candidate's knowledge of the English language. The interview will be considered successful only if the candidate obtains a score of at least 40/60.

In order to take the oral examination (by videoconference on the *Microsoft Teams* platform) candidates must show a suitable identification document valid according to art. 35, second paragraph of the d.p.r. no. 445 of 28th December 2000 (identity card, driving licence, passport).

The outcome of the evaluation will be available on the following website: <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

Those who are already enrolled in the same doctoral programme cannot apply for admission.

## Art. 2

### Admission procedure

Application for participation in the competition, with no restrictions with respect to age and nationality, is open to candidates holding a Graduate degree, or an equivalent university degree obtained abroad and recognised as eligible.

Applications may be submitted also by students who expect to obtain the qualifications, in Italy or abroad, referred to in the first paragraph by October 31st, 2021.

## Art. 3

### Admission application

Those who wish to participate in the competition must submit the application to the Rector of Università Cattolica del Sacro Cuore within the deadline of Tuesday, 2<sup>nd</sup> November, 2021.

The application form for the competition is available at:

- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>
- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

**Until 2:00pm (local time) on the closing date of this notice.**

In the application, to be drawn up exclusively online and available in Italian and English, candidates must provide the following information under their own responsibility:

- Personal details: name, surname, tax code (only for Italian citizens), date and place of birth, nationality and residence elected to the effects of the competition;
- The name of the competition in which they intend to participate;
- For graduates: degree type, date and university from which it was obtained;
- For undergraduates: the degree that will be obtained, the date within which it should be obtained and the universities that will award the degree;
- Foreign Languages known.

Each application may refer to a single Doctorate programme. Candidates who wish to participate in different competitions must submit an application for each one, attaching the documentation required.

The documents that must be uploaded with the application in .pdf or .jpg format are:

- *curriculum vitae*;
- Self-certification attesting the degree attained or the self-certification of enrolment attesting the degree that the candidate is going to achieve;
- duly signed ID document;
- Tax code (only for Italian citizens);
- Passport-size photograph (to be used in identity documents);
- For students with qualifications already obtained or to be obtained in NON-EU countries: translation, legalization and declaration of value required at the premises of the Consulate/Italian Embassy in the country where the qualification is achieved or will be achieved. EU students can attach as a substitute to the declaration of value, the Diploma Supplement of their university of origin;

- Further documentation specifically required for each PhD Programme.

The application is complete and valid only after the candidate has paid the contribution of participation in the selection of €100,00 (non-refundable) be paid by credit card and after uploading the pdf application, which is generated at the end of the upload for all documents.

As a confirmation of the validity of the registration participation in the competition, the candidate will receive, from the Doctoral Programmes Office, a confirmation email.

The University reserves the right to take, even after the completion of the tests, measures to exclude candidates who are not in possession of the necessary requirements or who have not complied with the requirements of the notice.

Candidates with disabilities, in order to attend the selection examination, must specify in their application the aid required in relation to their disability, in accordance with Italian Law no. 104 of February 5<sup>th</sup>, 1992.

#### **Art. 4**

##### **Selection boards**

The Selection Boards for admission to the PhD Programme are appointed by the Rector, upon the proposal of the Teaching Panel. Each will consist of three tenured academics, to whom no more than two (also foreign) experts from institutions and public and private research institutes may be added.

The composition of the Boards will be published, after the expiration date of the present public announcement, at:

- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>
- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

#### **Art. 5**

##### **Admission to Doctoral programmes**

Candidates are admitted to the Doctoral programmes, unless otherwise specified, according to the ranking order until all positions for the specific programme have been filled. In the event of any renouncement by those entitled before the start of the PhD Programme, the candidates next on the list will take over.

In case of placement in several rankings, the candidate will have to exercise the option for only one PhD Programme.

#### **Art. 6**

##### **Enrolment**

The winners of the competition must complete enrolment within 5 days starting from the day following the one in which the related email with the invitation will be received, by accessing the following website:

- Milano, Brescia e Piacenza: <https://iscrizioni.unicatt.it/iscrizioni/>
- Roma: <https://unicatt.esse3.cineca.it/auth/studente/Admission/BachecaAmmissione.do>

## **Art. 7**

### **Incompatibility**

The PhD Programme is incompatible with enrolment in another course of study, specialization school (except as provided for specialty schools in the health area), PhD (except in the case of agreements with other universities for a co-supervised thesis).

## **Art. 8**

### **Contributions and scholarships**

Contributions required for access to and attendance at doctoral programmes at Università Cattolica is determined annually by the Board of Directors.

PhD students enrolled in the 37<sup>th</sup> cycle are required to pay annual contributions for access to Doctoral programmes for an amount of €1.516,00 to be paid in no. 3 instalments, the first upon enrolment (€516,00), the second before the 28<sup>th</sup> of February (€500,00) and the third by the 30<sup>th</sup> June each year (€500,00).

According to the Italian Law, a scholarship to attend the PhD Programme is compatible with other income earned, also on a regular basis, in the calendar year of the scholarship, provided that such income does not exceed the amount of the scholarship itself. Should these income limits be surpassed, the scholarship shall be revoked for the year in question. For the verification of the income limits, scholarship assignees shall annually declare the income earned and notify exceeding of the prescribed limit.

The scholarships are annual and are renewed on condition that the PhD student has completed the program of the activities planned for the previous year.

The amount of the scholarship, paid in monthly instalments, is €15.343,28 per year, before social security charges. The scholarship is subject to the payment of social security contributions (in Italy INPS) separately managed in accordance with Article 2, paragraph 26, of Law no. 335 of August 8<sup>th</sup>, 1995, as amended. The scholarship is exempt from the payment of local personal income and income tax (IRPEF).

This amount shall be increased by a maximum of 50% for a total period not exceeding 18 months, if the PhD student is authorized by the Teaching Panel to carry out research activities abroad.

From the second year, each PhD student, with and without a scholarship, is insured for research activities in Italy and abroad for a budget of 10% of the gross annual amount of the scholarship, equal to €1.534,33.

Those who have previously, even partially for another PhD course, benefited from it may not be eligible for a doctorate scholarship.

## **Art. 9**

### **PA employee**

Current legislation on leave of absence or special leave applies to public employees admitted to the PhD Programme.

## **Art. 10**

### **Rights and duties of doctoral students**

PhD students are required to regularly participate in the activities set out in their curricula, and to commit to individual and guided study programmes and to carrying out the research activities assigned by the Teaching Panel.

PhD students are also required to consult the Code of Conduct of Università Cattolica and to comply with its principles and aims.

Candidates who benefit from the scholarships referred to in this announcement undertake to carry out a research period at a company referring to the chosen scholarship, for a period of 6 to 12 months, as defined by the Ministerial Decree 1061 of August 10<sup>th</sup>, 2021 and to comply with all obligations under the 'Implementation Rules'.

### **Art. 11**

#### **Advertising**

This public announcement is published on the website of Università Cattolica del Sacro Cuore at:

- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>
- <https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-roma#content>

And on the *Euraxess* European website and on the MIUR website.

### **Art. 12**

#### **Final terms**

For any matter not expressly contemplated in this public announcement, the provisions of the Rectoral Decree n. 3627 of July 12<sup>th</sup>, 2017, containing: "Amendments to the Regulations of doctoral programmes and doctoral schools of " Università Cattolica del Sacro Cuore" and the regulations in force.

For any matter not expressly contemplated in this public announcement, the provisions indicated in "Regulatory Norms of the PhD Programmes and PhD Schools of Università Cattolica del Sacro Cuore" and regulation in force shall apply.

Further information can be obtained from the Doctoral Programmes Office, phone:

Milano: dottorati.ricerca-mi@unicatt.it, telefono 027234.5633,  
Roma: dottorati.ricerca-rm@unicatt.it, telefono 063015.4958

Head of the procedure of this announcement:

Dr. Roberto BRAMBILLA, Director of Postgraduate Education and Research Partnership,  
Via Carducci 28/30, Milan.

Dr. Patrizia MELI, Head of PhD Programmes, Largo F. Vito1, Roma.