

ALLEGATO 2 AL DECRETO RETTORALE N. 9200 DEL 7 NOVEMBRE 2022

Call for admission to additional resources for PhD positions with scholarship, within the Italian National Recovery and Resilience Plan (NRRP) - "Mission 4: Education and Research, component 2: From research to enterprise (M4C2) - 38th cycle

**Art. 1
Activation**

For each PhD programme, for which an open competition is announced, the coordinator, the duration, headquarters, the number of scholarships and the modalities of the competitive examinations are indicated.

PhD Programme in ECONOMICS AND FINANCE
(Coordinator: Prof. Gianluca FEMMINIS)

Duration: 4 years

Course venue: Milan

Posts with scholarship

- - n. 1 scholarship for the research project "Age-It: Aging well in an aging society". The project analyzes the economic behavior of the older population, both in terms of choices on the labor market between participation and retirement, and choices in the market for goods and services and financial services. The approach used will be in terms of "life-course", using of longitudinal administrative microdata, following individuals throughout their lives using impact assessment methodologies. The project aims to propose innovative welfare solutions to insure the risks of aging, such as pensions, health care and long-term care.
- - n. 1 scholarship for the research project "Age-It: Aging and the implications for the silver economy". The project analyzes the consequences of the demographic transition and aging of the population, together with the challenges of the digital and of the green transition on the socio-economic implications of the "silver-economy". The analysis will examine the new consumption models for the green transition, the challenges for social inclusion (intergenerational equity, welfare sustainability and collaborative governance) and the fight against unequal aging, both in terms of access to health care in old age, and in terms of economic and financial inclusion. The approach will be interdisciplinary, based on empirical evidence, for an effective policy design targeted to the aging population and for a new architecture of the welfare state.

Description of the funding body

National Recovery and Resilience Plan, Mission 4 Education and Research - Component 2 From research to enterprise, funded by the European Union - NextGenerationEU, Investment 1.3 - public notice for presentation of intervention proposals for the creation of "Partnerships extended to universities, research centers, companies for the financing of basic research projects". PE08: Consequences and challenges of aging (CUP: B43D22000730006).

Informazioni: <https://scuoledidottorato.unicatt.it/defap>

The comparative evaluation for the admission to the PhD programme in Economics and Finance is aimed at determining candidates' suitability and interest in the scientific research areas included in the programme. The Examination Panel may request a telephone or *Skype* interview to discuss candidates' research project and objectives.

In addition to the application, each candidate must enclose:

- a research project (max 15,000 characters) indicating the object, hypotheses and research methodology deemed most useful for the research topic selected in the chosen scientific area;
- two letters of recommendation by university professors. These letters shall be sent directly by the academics to the email address defap@unicatt.it within the expiration date of this announcement;
- the certification of any further qualification, such as postgraduate and specialisation courses obtained in Italy and/or abroad with exam transcript; copies of any other document deemed useful for the evaluation, and a list thereof on unstamped paper;
- a copy of the publications deemed relevant for the evaluation, up to a maximum of four;
- any certificate confirming the candidate's knowledge of English, such as: Anglia Examination England, Bulats, Business English Certificate, Certificate Advance in English, Certificate Proficiency in English, First Certificate in English, IELTS, ISE (I-II-III-IV), PTE Academic, PTE General, Preliminary English Test, TOEFL IBT, TOEIC Listening and Reading, TOEIC Speaking and Writing.
- any result of GMAT or GRE.

Evaluation procedure

The evaluation for admission to the PhD Programme consists in the assessment of the candidate's qualifications and it is based on the following criteria:

Criterion 1: Curriculum Vitae (submitted by the candidate upon application, including qualifications, publications and any further certification);

Criterion 2: Research aptitude (evaluated according to the information contained in the research project submitted by the candidate upon application and with reference to the topics related to the research project for which the scholarship is intended);

Criterion 3: Further information (contained in the recommendation letters).

Each candidate can be awarded a maximum of 100 points, of which max 60 points can be awarded for Criterion 1, max 25 points for Criterion 2, and max 15 points for Criterion 3. The final ranking is the result of the sum of the scores obtained in the criteria 1, 2 and 3.

Examination calendar

The calendar for the competition exams will be available at:
<https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

PhD Programme in: NUTRITION, METABOLISM, AGING AND GENDER SCIENCES

(Coordinator: Prof. Alfredo PONTECORVI)

Duration: 3 years

Course venue: Rome

Positions with a scholarship:

- n. 1 scholarship aimed at the implementation of the research project on: “*Age-It: A novel public-private alliance to generate socioeconomic, biomedical and technological solutions for an inclusive Italian ageing society*”.
- n. 1 scholarship aimed at the implementation of the research project on: “*National Center for Gene Therapy and Drugs based on RNA Technology*”.

Description of the funding body:

National Recovery and Resilience Plan, Mission 4 Education and Research - Component 2 From research to enterprise, funded by the European Union - NextGenerationEU, Investment 1.3 - public notice for presentation of intervention proposals for the creation of "Partnerships extended to universities, research centers, companies for the financing of basic research projects". PE08: Consequences and challenges of aging (CUP: B43D22000730006).

National Recovery and Resilience Plan, Mission 4 Education and Research - Component 2 From research to enterprise, funded by the European Union - NextGenerationEU, Investment 1.4 - public notice for presentation of intervention proposals for the strengthening of research structures and creation of R&S “national champions” on some Key Enabling Technologies (CUP: B83C22002860006).

Information: <http://scuoledidottorato.unicatt.it/nutrizione-metabolismo-home>

Admission application

Together with the application form, candidates should submit:

- a detailed curriculum vitae in English;

- a research project in Italian or English (max 20,000 characters approximately, including spaces) with a bibliography and an abstract in English (max 3,000 characters approximately, including spaces). The research project must be designed to allow an evaluation of the candidate's scientific interests and their adherence to one of the scientific lines of the PhD in Research in Nutrition, Metabolism, Aging and Gender Disease Sciences, but it will not constitute a constraint on the following research activity for the PhD Programme. The project must demonstrate the candidate's comprehensive knowledge of the state-of-the-art in this field, their mastery of the subject research methods, and include an adequate bibliography.

The research project must focus on one of the following areas chosen by the candidate:

- Gastroenterological and Nutritional;
- Endocrine-Metabolic;
- Gerontological and Geriatric;
- Medical-Surgical Gender Pathologies.

- for graduated candidates, a self-certification of the degree held, including final mark and exam transcript, or certification of the qualification obtained abroad, with final mark and exam transcript;

- for undergraduate candidates, a self-certification of enrolment in a graduate programme with exam transcript, or in an academic course abroad, with exam transcript;

- the certification of any further qualifications, such as postgraduate and specialisation courses, achieved in Italy and / or abroad, as well as exam transcript and a copy of any other qualification deemed useful for the evaluation;

- a list of publications deemed useful for the evaluation.

For the evaluation for the admission to the PhD Programme, candidates are also required to email to dottorati.ricerca-rm@unicatt.it and to the following mail (segreteria.endocrinologia@unicatt.it) both their curriculum vitae and their research project with abstract, by the deadline of the present public announcement, Tuesday, December 6th, 2022.

Evaluation procedure

The evaluation for admission to the PhD Programme is based on:

Element a) curriculum vitae and other qualifications;

Element b) research project.

The evaluation is based on a scale from 0 to 60 points assigned according to the following criteria:

- the elements a) and b) are rated from 0 to 30 points each. The evaluation results of elements a) and b) will be available on the web page: <http://progetti.unicatt.it/progetti-ateneo-concorso-di-ammissione-roma-esiti-prove-concorsuali>



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PhD programme in: AGRI-FOOD SYSTEM

(Coordinator: Prof. Paolo AJMONE MARSAN)

Duration: 3 years

Course venue: Piacenza

Positions with a scholarship

- n. 1 scholarship aimed at the implementation of the research project on “Tecnologie dell’Agricoltura (Agritech): Pianificazione ecologica e progettazione di sistemi circolari che combinano diverse tipologie di aziende agricole, aziende alimentari e mangimistiche con impianti di trasformazione dei rifiuti (*Eco-planning and design of circular systems combining different farm types, food and feed companies with waste transformation plants*)”;
- n. 1 scholarship aimed at the implementation of the research project on “Tecnologie dell’Agricoltura (Agritech): Microorganismi benefici per la riduzione degli input chimici, il miglioramento della qualità del suolo e del contenuto nutrizionale delle colture: un focus sulla vite (*Novel beneficial microorganisms to reduce chemical inputs, improve soil quality and nutritional contents of crops: a focus on vines*)”.

Description of the funding body

National Recovery and Resilience Plan, Mission 4 Education and research - Component 2 From research to enterprise, funded by the European Union - NextGenerationEU, Investment 1.4 - public notice for presentation of intervention proposals for the Strengthening of research structures and the creation of R&D “national champions” on some Key Enabling Technologies (CUP: J33C22001160007).

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

On pain of exclusion, candidates must complete their application with the following documents – upload format .pdf or .jpg:

- detailed curriculum vitae et studiorum (only English version);
- for graduate students: self-certified Master's degree document with final mark and exam transcripts, or certification of qualification obtained abroad with final mark and exam transcripts (Italian or English version);
- undergraduates: self-certified proof of enrolment in one of the above-cited degree programmes with exam transcripts, or in a university programme abroad with exam transcripts (Italian or English version);
- a motivational letter, only English version (max. 30 lines), indicating reasons for application, expectations and fields of interest;
- a research project, only English version (max. 2,000 words), indicating topic, hypotheses and methodology deemed most suitable for the development of a research project in the selected curriculum. The project must be countersigned by a



university professor or researcher in national or international scientific institutions. In the absence of countersignature, a letter of introduction, only English version, by university professors or researchers in national or international scientific institutions has to be included in the application;

- students with a degree obtained or to be obtained in NON-EU countries shall provide a translation, authentication and a certificate of equivalence of qualification of their foreign degree certificates, issued by the Italian Consulate/Embassy representative offices in the countries where they have obtained/will obtain the degree. EU students must provide a Diploma Supplement from the University where they completed their studies as an alternative to the certificate of equivalence of qualification.

Applications may further contain – upload format .pdf or .jpg:

- certification of any other qualifications, such as postgraduate and specialisation degrees, obtained in Italy or abroad, with exam transcripts;
- a copy of any other qualification deemed useful for the purposes of assessment, and a list thereof on unstamped paper;
- a list, on unstamped paper, of publications deemed relevant for the purposes of assessment, and a copy of the publications that candidates intend to make known to the Panel.

Applications may further contain any of the following certificates attesting English language knowledge:

- BEC (Business English Certificates);
- British Chamber of Commerce;
- CAE (Certificate in Advanced English);
- CPE (Certificate of Proficiency in English);
- IELTS (International English Language Testing System);
- TOEFL (Test of English as a Foreign Language).

Candidates must indicate the "finalized scholarship" for which they intend to apply.

The admission examinations consist in the assessment of candidates' qualifications and an oral examination.

In relation to the qualities ascertained, the Panels assign each candidate max. 60 points for each of the two examinations.

Only candidates obtaining a minimum score of 40/60 in the assessment of qualifications are admitted to the oral examination.

For this purpose, the following elements will be evaluated:

- degree relevant to the areas relating to the doctorate, degree mark or average marks for undergraduates at the time of evaluation of qualifications, achievement of masters degrees, participation in higher education university courses, internships and traineeships consistent with the chosen research address, research grants and scholarships, publications in national and international journals relating to the agro-food sector, work and collaboration experiences in applied research at universities and public or private bodies (score up to 46/60);

- research project, motivational letter and certifications related to the knowledge of the English language as per the previous art. 3 (score up to 14/60).

The oral examination consists in the assessment of candidates' knowledge of the general aspects of the topics of interest of the PhD Programme and research area chosen, as well as aptitude to scientific research.

The oral examination is passed with a minimum score of 40/60.

The interview in English will preferably take place in person at the Piacenza headquarters in Via Emilia Parmense 84.

In order to be allowed to take the examinations, candidates must show a valid identification document pursuant to Art. 35, second Paragraph, of Presidential Decree no. 445 of December 28th, 2000 (identity card, driving license, passport).

Examination Calendar

The calendar for the competition examinations will be available at:
<https://progetti.unicatt.it/progetti-ateneo-bandi-e-concorsi-milano-piacenza-brescia#content>

Art. 2

Admission procedure

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

Applications may be, unless otherwise indicated, submitted also by students who expect to obtain the qualifications, in Italy or abroad, referred to in the first paragraph by December 31st, 2022.

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, 6th December, 2022**.

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;
- The type (s) of scholarship for which you 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 adopt, even after the competition examinations have been held, measures for the exclusion of candidates who do not meet the requirements or who have not complied with the provisions of the notice of competition.

Applicants with disabilities, for the purposes of the competition, must specify in their application the aid required in relation to their disability, pursuant to Law No. 104 of 5 February 1992.

Art. 4 Selection Boards

The Rector, on the proposal of the Board of teachers, shall appoint by decree the Admission Board for the PhD programme, consisting of three tenured professors, to whom no more than two experts may be added, including foreign ones, chosen from public and private research bodies and structures, ensuring, where possible, a balanced representation of women and men. In particular, adequately motivated, cases related

to the articulation of the PhD in specialisations or curricula, more than one Admission Board may be set up, or an Admission Board composed of a maximum of five tenured professors.

The composition of the Selection Boards will be published after the deadline 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 3 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>

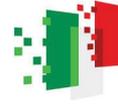
Art. 7

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 38th 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 28th of February (€ 500,00) and the third by the 30th 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.



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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 starting from January 2023, is € 16,243.00 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 8th, 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 12 months, if the PhD student is authorized by the Teaching Panel to carry out research activities abroad.

From the first 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 € 1,624.30.

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

Art. 8 PA employee

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



Art. 9

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.

Art. 10

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. 11

Final terms

This public announcement was originally written in Italian and has been translated into English for easy reference only. The Italian version will be considered definitive for any questions of interpretation.

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, phone +39 02 7234.5633;

Roma: dottorati.ricerca-rm@unicatt.it, phone +39 06 3015.4958.

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. Vito 1, Rome.