



UNIONE EUROPEA
Fondo Sociale Europeo



National Operational Program 2014-2020
Ph.D.s on INNOVATION and GREEN THEMATICS
M.D. 10 August 2021, n. 1061 Academic
Year 2021/2022 – XXXVII Cycle
(Rectoral Decree no. 511/2021– October 11th 2021)

SELECTION CALL FOR ASSIGNMENT FOR ADDITIONAL SCHOLARSHIPS

ON INNOVATION AND GREEN THEMATICS
(ACTION IV.4 AND IV.5)

Art. 1
Opening of the selection procedure

The University of Urbino Carlo Bo in fulfillment of the M.D. n° 1061 of 10/08/2021, containing regulation for the assignment of the resources of the **National Operational Program (PON)** “Research and innovation” 2014 – 2020 funded by ESF – REACT EU) within the goals of the already accredited Ph.D. courses (D.M. 45/2013), opens for the Academic Year 2021/2022 (XXXVII cycle) a public competitive selection for the admission to the Ph.D. Programmes for the assignment of n° 24 additional Ph.D. scholarships on the thematic of Innovation enabling technologies and in the broader digital topics (Action IV.4) and on the “green thematic” ecosystem preservation, biodiversity, climate change impact reduction and sustainable development promotion(Action IV.5).

The additional positions available in the call, exclusively attributed for the 2021/2022 academic year, and the list of the bound topics of research and the relative Ph.D courses of the University of Urbino Carlo Bo are as follows:

PhD Course	SNSI Thematic Area	Bound Topics Of Research	Additional Innovation positions available
BIOMOLECULAR AND HEALTH SCIENCES	Health	Superparamagnetic nanoparticles loaded in the red blood cells as novel contrast agents for in vivo diagnostic techniques in the biomedical field	1
RESEARCH METHODS IN SCIENCE AND TECHNOLOGY	Health, nutrition and quality of life	1) Machine learning for drug discovery	1
	Digital agenda, smart communities, intelligent mobility systems	2) Digital platforms for social innovation based on trust models, incentive mechanisms, and secure distributed technologies	
PhD Course	SNSI Thematic Area	Bound Topics Of Research	Additional Green positions available



BIOMOLECULAR AND HEALTH SCIENCES	Health, nutrition and quality of life	1) Prevention of soil contamination using essential oils as an alternative to herbicides and pesticides	4
	Smart and sustainable industry, energy and the environment	2) Isopods as efficient Ecosystem Bioindicators: biological parameters detectable in flow cytometry as guidelines of rapid and reproducible test for the assessment of Environmental Quality	
	Smart and sustainable industry, energy and the environment	3) Efficacy evaluation of devices with reduced environmental impact, suitable for air and surfaces microbiological sanitation in indoor environments	
	Health, nutrition and quality of life	4) Production of functional plant secondary metabolites through in vitro culture of callus from fruit pulp cells	
GLOBAL STUDIES. ECONOMY, SOCIETY AND LAW	Smart and sustainable industry, energy and the environment	1) Sustainability in rural communities of East Africa	5
	Smart and sustainable industry, energy and the environment	2) Development of an integrated analysis methodology for Lean Manufacturing and Sustainable Development in the engineering industry	
	Smart and sustainable industry, energy and the environment	3) Climate change mitigation and adaptation: risks, impacts and resilience Mitigazione e adattamento per il cambiamento climatico: rischi, impatti e resilienza	
	Health, nutrition and quality of life	4) Sustainability of organic food supply chains and enhancement strategies	
	Smart and sustainable industry, energy and the environment	5) Environmental sustainability and capitalism evolution	
RESEARCH METHODS IN SCIENCE AND TECHNOLOGY	Smart and sustainable industry, energy and the environment	1) Biomethanation from organic waste and biomass having territorial consistency and value	7
	Smart and sustainable industry, energy and the environment	2) Improvement of the resilience of historic areas to climate change and other risks	
	Smart and sustainable industry, energy and the environment	3) Mitigation strategies of pollution impacts in coastal ecosystems	



RESEARCH METHODS IN SCIENCE AND TECHNOLOGY	Smart and sustainable industry, energy and the environment	4) Synthesis of new fluorescent compounds of biological interest: application in the detection of toxic metals in cells of marine and terrestrial biomarkers	6
	Smart and sustainable industry, energy and the environment	5) Development of foraminiferal-based biotechnologies for the mitigation of the anthropic impact and restoration of marine ecosystems	
	Digital agenda, smart communities, intelligent mobility systems	6) Digital platforms for user-centric sustainable mobility	
	Health, nutrition and quality of life	7) Safe and effective products for a sustainable crop protection.	
	Digital agenda, smart communities, intelligent mobility systems	8) Nudging, beliefs formation and sustainable actions.	
	Smart and sustainable industry, energy and the environment	9) Green and Bio-based Catalysis for Sustainable Organic Synthesis	
	Health, nutrition and quality of life	10) 3D printing of hydrogels based on keratin regenerated from wool wastes, for the development of advanced materials for the biomedical sector	
HUMAN SCIENCES	Smart and sustainable industry, energy and the environment	1) The construction of public discourse on ecological transition in a transmedial perspective	6
	Smart and sustainable industry, energy and the environment	2) History of environmental and social sustainability	
	Tourism, cultural heritage and the creativity industry	3) Philosophical assumptions for an ecological conversion: development strategies for active participation in the new challenges of the European Green Deal	
	Tourism, cultural heritage and the creativity industry	4) Ecosustainability education. The construction of "Green" habitus at school	

The available positions, one (1) for each research topic, will be assigned according to the merit ranking as per art.6 of this Notice.

Should the Examining Commission decide that there are no suitable candidates on one or more research thematic, it will proceed to select possible eligible candidates in other thematic ranks, within the same Ph.D course. The Commission judgement is unquestionable.

The Ph.D. Courses have a three-year duration, starting from December 1st, 2021.

The admission test will be held on the day and at the time specified in the sections relating to the PhD courses attached to this Call (Annexes A).

This announcement has to be considered an official notification.



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Any changes and integrations will be published at the website: www.uniurb.it/pon-ricerca-e-innovazione

The University Administration takes no responsibility in the event of loss of communications due to errors in the address or e-mail provided by the applicant, by failure or late notification of address changings, or for any postal or telecommunication errors not ascribable to the Administration.

This announcement is available in Italian and English according to the Italian laws and regulations and the University of Urbino regulations.

The Selection Call is published at the official register of the University of Urbino (www.uniurb.it/alboufficiale) and is also available at the website www.uniurb.it/pon-ricerca-e-innovazione

The table at the end of this selection call (Annex A) contains all the information for each PhD Programme.

Art. 2

Admission requirements

Applicants, without any limitation of age nor citizenship, must hold one of the following degrees/qualifications by the deadline of this Call:

- An Italian degree known as "Laurea specialistica/magistrale" or a degree awarded prior to approval of Ministerial Decree D.M. n. 509 of 3 November 1999, updated with D.M. n. 270 of 22 October 2004, n. 270, and equivalent second level degrees;
- Foreign academic title declared equivalent to degrees referred to in letter a)
- An equivalent foreign academic qualification awarded abroad considered equivalent to the Italian degree in terms of duration, level and area of study, which allows the holder to undertake Ph.D. studies.

Candidates with a foreign qualification compete equally as the other candidates for all available positions of the doctoral courses referred to in this Article.

Applicants failing to comply with the requirements stated in this announcement will be excluded from the selection.

The scientific suitability of the foreign qualification is ascertained by the Selection Board, in compliance with the legislation in force in Italy and in the country where the qualification was issued as well as with international treaties or agreements regarding the recognition of qualifications for further studies.

Candidates holding a foreign academic qualification whose equivalence to a second level Italian qualification has not yet been recognized by the competent academic bodies of an Italian University must request, during the online application procedure, the evaluation of their qualifications and will be admitted conditionally to the selective procedure.

The Selection Board will evaluate the suitability of the foreign qualification based on the documentation attached to the online application and can exclude a candidate should the provided documentation not provide sufficient elements of evaluation.

All candidates are admitted to the selection procedure, under condition that their applications can be verified as per DPR n. 445 of 28 December 2000. The University may carry out checks about the truthfulness of the declarations and request the submission of original documents at any time during the procedures, even after the beginning of the doctoral courses.

The University may, at any time and by order of the Rector, exclude candidates who do not meet the admission requirements from the selection process.

If the university studies of the candidate are divided into first and second level, the first level degree diploma (Bachelor's degree) and the list of exams taken to obtain the relative title (Academic Transcript of Records of Bachelor's degree) must also be attached.



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Certificates are accepted in Italian or in English.

Art. 3 Application procedure and deadline

Under penalty of exclusion, the application form to the selection procedure, including the mandatory documentation, must be submitted **by and no later than October 29th 2021, h 13:00 (Italian time)**, exclusively using the **dedicated online procedure PICA** available at the following link:

- Innovation project: <https://pica.cineca.it/uniurb/dottorato37-innovazione>
- Green project: <https://pica.cineca.it/uniurb/dottorato37-green>

The requested documentation indicated for each Ph.D. Programme in Annex A as well as a copy of a valid identity document must be attached to the application form in PDF format (maximum size of each attachment: 30 Mb).

The application is to all effects of law a self-certification, pursuant to articles 46 and 47 of the Italian Presidential Decree 445/2000 and subsequent amendments, of the data contained therein as well as in the attachments.

Candidates who intend to apply to more than one Programme must submit an application for each chosen Ph.D. Programme.

Candidates must pay the non-refundable **competition fee of euro 30,00**. The payment of the competition fee to the University of Urbino Carlo Bo must be made using the modalities provided by the online application procedure.

Non-EU candidates who have been recognized an **international protection status**, as defined by the Italian Legislative Decree n. 251 of November 19, 2007, article 2, are exempted from paying the competition fee. They must declare such status in the online application and attach the official documentation attesting their international protection status. Failure to attach the relevant documentation will result in the exclusion from the selection procedure.

At the end of the online procedure, the application will be registered. In confirmation of the correct submission of the application, the candidate will receive a communication to the email address he/she provided in the application itself containing the identification number of the application, needed for any subsequent communication as well as to consult the results of the selection procedure which will be published at the link www.uniurb.it/pon-ricerca-e-innovazione, on the page of each PhD programme.

Candidates are held responsible for the correct conclusion of the application procedure.

Any documentation presented by methods other than the dedicated online procedure will not be accepted. No documents must be sent nor delivered to the Ph.D. Office.

Applications which are at the stated deadline have not been correctly concluded (not submitted, in the absence of due payment or submitted in any different way other than the online procedure outlined above) will not be considered for the selection procedure.

Complaints related to potential problems due to a system overload close to the deadline will not be taken into consideration. Candidates are therefore strongly invited to complete the application form, to pay the competition fee and to submit the application well in advance of the deadline to avoid running into any technical problems.



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Once submitted, the online application will no longer be editable. The candidate can withdraw the application using the dedicated procedure on the PICA platform and submit a new application, paying again the competition fee.

Candidates with a qualification obtained in an EU country may submit the Diploma Supplement.

Candidates with a qualification obtained in a non-EU country may submit the declaration of value, issued by the Italian diplomatic representations of the country to which the institution that issued the qualification belongs.

For any further information or communication, please contact the Ph.D. Office (dottorato@uniurb.it).

3.2 Candidates with disabilities or Specific Learning Difficulties (SpLD)

According to the Italian law number 104 of February 5th 1992 and subsequent amendments and additions, and Law number 170 of October 8th 2010, **candidates with disabilities or Specific Learning Difficulties (SpLD)** can request extra time and/or assistance during the selection procedure.

Once the candidate has submitted the application form, he/she can request extra time and/or assistance using the dedicated section of the online procedure and providing a medical certificate supporting the validity of the request.

Documentation that can be presented to request personalized support includes:

- Certification pursuant to Italian Law 104/1992 (issued no longer than 3 years ago)
- Civil disability certification
- SpLD certification (issued by structures of the National Health Service or by specialists and structured accredited for this purpose).

Candidates with disabilities or with specific learning disabilities (SpLD) residing in foreign countries must present a certification attesting the status of disability or SpLD issued in the country of residence accompanied by a sworn translation into Italian or English.

Based on the documentation provided and, if necessary, following an interview with dedicated staff and with methods to be agreed upon, adequate support for the selection procedure will be foreseen.

Art. 4

Selection procedure

The selection consists of the evaluation of the curriculum vitae et studiorum and of the research project, and of a video-conference interview, including the foreign language test.

The evaluation of qualifications and of the project proposal presented is carried out by the Commission of selection before the oral exam (interview).

The final score is given by the sum of the points reported in the evaluation of the documentation and the oral exam.

The oral exam will consist in the presentation and discussion of the research project, in the verification of knowledge relating to the disciplines in which the topic of the proposed research is inserted and in the verification of knowledge of the English language (see Annex A of the individual PhD courses).

The evaluations will be published in the final ranking.

In order to qualify, it is necessary to report at least 21 points in the evaluation of the oral exam.

The project proposal must comply with the indicated criteria on art. 3 del D.M. del 10 agosto 2021 n. 1061.

The non-attendance of the candidate to the admission test will be considered as an explicit renunciation to the selection.

The admission test is carried out by ensuring an appropriate comparative assessment of the candidates.

Procedure for the oral exam in videoconference

Candidates will take the oral exam via videoconference and must ensure the use of a webcam to allow their identification by the Selection Board.



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Before the beginning of the interview, under penalty of exclusion from the selection procedure, each candidate must show to the Selection Board the same Identity Document of which a copy has been attached to the application form.

The failure to connect, the unavailability of the candidate on the day or time established or the failure to produce the valid identification document as stated in the previous paragraph constitute grounds for exclusion from the selective procedure.

The University of Urbino declines any responsibility for the eventuality that technical reasons prevent the smooth conduct of the oral interview.

Oral exams, also when carried out remotely, are public.

The results of the oral interviews will be published on the university website, at the link www.uniurb.it/pon-ricerca-e-innovazione on the page of each PhD programme.

Art. 5 Selection Board

The members of the Selection Board will be appointed in compliance with current regulations and with the provisions of the Ph.D. Regulations of the University of Urbino Carlo Bo.

The minutes of the selection procedures will be sent by the Chairperson of the Selection Board to the Rector for final approval.

Art. 6 Ranking

At the end of the selection procedure, the Selection Board will draw up the general merit ranking, or specific merit rankings when foreseen, for admission to the Ph.D. Programme. Candidates will be admitted according to such merit rankings.

In the event of two or more candidates with the same score in the merit ranking, the assessment of the economic condition prevails for the allocation of places with scholarship while for the assignment of places without scholarship the candidate with lowest age prevails.

The Rector, with his own decree, approves the merit ranking declaring the candidates usefully placed in the merit ranking as winners.

The Rector's Decree with the final merit ranking will be published in the Official Register of the University (www.uniurb.it/alboufficiale) and on the webpage www.uniurb.it/pon-ricerca-e-innovazione on the page of each PhD programme.

No private communication will be sent: the publication of the merit ranking shall constitute the sole and official means of communication to the interested parties.

Art.7 Enrolment in the Ph.D. Programmes

Successful candidates are admitted to the Ph.D. Programmes according to the ranking position and in a number equal to the number of places available.

Winning candidates must enrol within the deadline indicated in the Rector's Decree reporting the merit ranking; failure to do so will be considered as a tacit renunciation.

For the enrolment procedure, please check the following link: : <https://www.uniurb.it/international/regular-students/phd-programs/enrolment-procedure-to-the-first-year>

Winning candidates with foreign academic qualifications must also provide:

1 - For qualifications achieved outside the European Union: copy of the Declaration of Value, together with the degree certificate indicating examinations, credits and marks, translated and legalised



by the competent Italian diplomatic authorities in the country of issue. Failure to provide these documents will lead to disqualification from the Ph.D. Programme. The Declaration of Value can be replaced by a certificate issued by the Italian ENIC-NARIC centre CIMEA¹, containing all the necessary information to assess the qualification.

2 - For qualifications achieved in a country belonging to the European Union: Diploma Supplement in English or a certificate issued by the Italian ENIC-NARIC centre CIMEA, containing all the necessary information to assess the qualification.

Candidates holding a foreign qualification who should not produce the required documentation at the time of enrolment, will be enrolled conditionally and will be excluded from the Ph.D. Programme with the obligation to return the unduly received scholarship instalments, if:

- they did not deliver this documentation within the deadline indicated in the Rector's Decree reporting the merit ranking;
- following verification, the qualification produced did not comply with the requirements of this call.

Once enrolled, non-EU winners must deliver to the Ph.D. Office a copy of their residence permit/card or a copy of the receipt proving that they have requested their residence permit to the competent authorities.

Art. 8 Scholarships

The annual amount of the scholarship amounts to € 15.343,28 gross (amount determined pursuant to Ministerial Decree 40 of 25 January 2018), subject to the INPS social security contribution provided for by current legislation. In tax matters, the provisions of art. 4 of the Law of 13 August 1984, n. 476. The scholarship cannot be combined with other scholarships awarded for any reason, with the exception of those granted by national or foreign institutions useful for integrating, with stays abroad, the training or research activities of fellows. Anyone who has benefited, even partially, from a PhD scholarship cannot benefit from it a second time. The duration of the scholarship is equal to the entire duration of the PhD program.

The scholarships have an annual duration and are renewed, subject to the favorable opinion expressed by the Board of Professors on admission to the following year, provided that the student has passed the annual checks of the activity carried out. The scholarship is provided exclusively to those who do not have, during the period of attendance of the doctoral course, a gross annual income exceeding the amount of one year of the scholarship (€ 15.343,28).

The amount of the scholarship is increased by 50% for any period of stay abroad. The periods of stay abroad may not in any case exceed a total of eighteen months. Starting from the second year, each PhD student is ensured, within the financial resources assigned in the financial statements of the subjects accredited under current legislation, a budget for the research activity in Italy and abroad adequate for the type of course and in any case for an amount not less than 10% of the amount of the scholarship itself.

Art. 9 Enrolment Fees

Ph.D. students must pay an enrolment fee of € 156,00 (inclusive of stamp duty and regional tax). First-year students must pay the fee when enrolling; fees for subsequent years must be paid by November 30th each year.

Art.10 Rights and duties of Ph.D. students

In accordance with the D.M. n. 1061 of 10.08.2021, the acceptance of the scholarships subject to this invitation totender requires the carrying out of periods of study and research in the company from a minimum of six (6) months to a maximum of twelve (12) months.

¹ <http://www.cimea.it/en/servizi/attestati-di-comparabilita-e-certificazione-dei-titoli/attestati-di-comparabilita-e-di-verifica-dei-titoli-diplome.aspx>



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The candidate, from the moment of submission of the application, is aware of the need to carry out, in case of assignment of the position, the planned research periods in the enterprise (minimum 6 months, maximum 12) and that non-compliance with the minimum undertaking period will result in the withdrawal of the scholarship.

In the cases of revocation of the exchange, provided by the Disciplinary annexed to D.M. n. 1061, and in particular in the cases of:

- achievement of the Ph.D. in a way different from the project eligible for funding, if it was not previously requested and subsequently granted the necessary permission by the MUR;
- failure to complete the Ph.D. course (three years) of the minimum period of study and research in the company and the minimum foreign period if envisaged;
- the possible negative judgement of the Board of Professors and the consequent non-admission to the following year of the doctoral course;
- renunciation of doctorate

The University of Urbino will be able to recover from the beneficiary the amounts received.

Moreover, Phd students are subject to the obligations and benefit from the rights provided by the Research Doctorate Regulations of the University of Urbino.

Art.11 University Benefits (Regional Body for Student Financial Aid)

In accordance with Legislative Decree no. 68 dated 29th March, 2012, Ph.D. students may use the benefits made available by the Regional Body for Student Financial Aid. Candidates can apply for services (Scholarship, Halls of Residence lodging, University canteen benefits, etc.) by submitting their application form according to the Call for Applications published at: <http://www.erdis.it/>, where the admission terms and conditions are published.

Art. 12 Reference regulations

All matters not included in the present Selection Call will be governed by the current Italian regulations and legislation concerning Ph.D. Programmes.

Art. 13 Personal data protection

In compliance with the principles of lawfulness, fairness, transparency, adequacy, relevance and necessity stated in article 5, paragraph 1 of the General Data Protection Regulation (UE Regulation no. 679/2016), The University of Urbino Carlo Bo as Data Controller will handle the personal data provided during the registration to the selection procedure exclusively to allow such procedure to be carried out in compliance with current regulation.

The Data Protection Officer is Mr. Mauro Raimondi, tel. 0722-305234 e-mail: rpd@uniurb.it. For more details, view the link <https://www.uniurb.it/ateneo/utilita/privacy>

Art. 14 Administrative Procedure Manager

The Person in charge of the administrative procedure, appointed pursuant to Art. 4 of Law no. 241, 7 August 1990, is Donatella Travaglini, responsible of the Ph.D. - Post Graduate - State Examination Office of the University of Urbino Carlo Bo (dottorato@uniurb.it).

Holder of the substitutive power is Simona Pigrucci, Responsible of the Didactic and Responsible (ad interim) of the International Mobility and Student Service Sectors.

Ufficio Dottorati, Post Laurea, Esami di Stato
Settore Didattica, Post Laurea e Formazione Insegnanti
Via Veterani, 36 - 61029 Urbino PU - IT
www.uniurb.it/pon-ricerca-e-innovazione



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Candidates are entitled to exercise the right to access the procedural deeds according to the current legislation. The request, addressed to the Rector of the University of Urbino, must be sent to the Protocol and Archive Department/Office, Via Saffi, 2, 61029 Urbino (PU) – PEC: amministrazione@uniurb.legalmail.it

Urbino, October 11th 2021

THE RECTOR
F.to Giorgio Calcagnini



ANNEX A

Ph.D. Programme in BIOMOLECULAR AND HEALTH SCIENCES PhD scholarships financed PON (D.M. 1061/2021) Az. IV.4 e Az. IV.5				
Administrative Department	Department of BIOMOLECULAR SCIENCES			
Duration of the Programme	3 years			
Available positions n. 5	Scholarships "INNOVAZIONE" theme	n. 1	<i>Thematic area</i>	Insights at the following link:
			Superparamagnetic nanoparticles loaded in the red blood cells as novel contrast agents for in vivo diagnostic techniques in the biomedical field	www.uniurb.it/pon-ricerca-e-innovazione
	Scholarships "GREEN" theme	n. 4	<i>Thematic area</i>	Insights at the following link:
			1) Prevention of soil contamination using essential oils as an alternative to herbicides and pesticides	www.uniurb.it/pon-ricerca-e-innovazione
			2) Isopods as efficient Ecosystem Bioindicators: biological parameters detectable in flow cytometry as guidelines of rapid and reproducible test for the assessment of Environmental Quality	
3) Efficacy evaluation of devices with reduced environmental impact, suitable for air and surfaces microbiological sanitation in indoor environments				
4) Production of functional plant secondary metabolites through in vitro culture of callus from fruit pulp cells				
SSD di riferimento INNOVAZIONE	BIO/10			
SSD di riferimento GREEN	BIO/05; BIO/17; MED/42; BIO/10			
Online interview and link	The oral exam will take place remotely using the Zoom videoconference tool. The link to the Zoom platform for the oral exam will be indicated in the file "Oral exam calendar / Calendar of interviews" at the link www.uniurb.it/pon-ricerca-e-innovazione			
Evaluation Research project Interview	Research project: maximum final vote 20 Interview: maximum final vote 60 (including the knowledge of the English language) Minimum final vote: 60/80			
Documentation to be attached to	Curriculum vitae et studiorum	Template available at the following link: https://www.uniurb.it/studiakonnoi/laureati/dottorati-di-ricerca/informazioni-perammissione		



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the application form	Research Project	Research project about the selected topic (form at the link: www.uniurb.it/pon-ricerca-e-innovazione)
Date for the oral interview	Novembre 8th 2021 at 3.00 p.m.	
Language	During the oral examination, the Selection Board will assess the knowledge of the English language. The oral examination will be held in English.	
How to apply	The application must be submitted exclusively via the online procedure available at: For the application on INNOVATION thematic: https://pica.cineca.it/uniurb/dottorato37-innovazione For the application on GREEN thematic: https://pica.cineca.it/uniurb/dottorato37-green by and no later than October 29th, h 13:00 (Italian time) All documents (max. 30Mb/each) must be attached in pdf format. The application and the attached documents are sent automatically to the University at the submission of the online procedure. No hard copy of the documentation must thus be delivered nor sent to the offices.	
For information requests regarding scientific aspects of the Programme	Ph.D. Programme Coordinator: Professor Marco B.L. Rocchi, tel. 0722-303304 Email: marco.rocchi@uniurb.it Please indicate "PhD in BIOMOLECULAR AND HEALTH SCIENCES" in the email subject	
For information requests regarding administrative aspects and support with the online application procedure	Ph.D. Office: dottorato@uniurb.it Please indicate "Ph.D. IN BIOMOLECULAR AND HEALTH SCIENCES" in the email subject	

Ph.D. Programme in RESEARCH METHODS IN SCIENCE AND TECHNOLOGY PhD scholarships financed PON (D.M. 1061/2021) Az. IV.4 e Az. IV.5				
Administrative Department	Department of PURE AND APPLIED SCIENCES			
Duration of the Programme	3 years			
Available positions n. 8	Scholarships "INNOVAZIONE" theme	1	<i>Thematic area</i>	Insights at the following link:
			1) Machine learning for drug discovery 2) Digital platforms for social innovation based on trust models, incentive mechanisms, and secure distributed technologies	www.uniurb.it/pon-ricerca-e-innovazione



			<p><i>Thematic area</i></p> <p>1) Biomethanation from organic waste and biomass having territorial consistency and value</p> <p>2) Improvement of the resilience of historic areas to climate change and other risks</p> <p>3) Mitigation strategies of pollution impacts in coastal ecosystems</p> <p>4) Synthesis of new fluorescent compounds of biological interest: application in the detection of toxic metals in cells of marine and terrestrial biomarkers</p> <p>5) Development of foraminiferal-based biotechnologies for the mitigation of the anthropic impact and restoration of marine ecosystems</p> <p>6) Digital platforms for user-centric sustainable mobility</p> <p>7) Safe and effective products for a sustainable crop protection</p> <p>8) Nudging, beliefs formation and sustainable actions</p> <p>9) Green and Bio-based Catalysis for Sustainable Organic Synthesis</p> <p>10) 3D printing of hydrogels based on keratin regenerated from wool wastes, for the development of advanced materials for the biomedical sector</p>	<p>Insights at the following link:</p> <p>www.uniurb.it/pon-ricerca-e-innovazione</p>
	Scholarships "GREEN" theme	7		
SSD di riferimento INNOVAZIONE	CHIM/08, INF/01, ING-INF/05			
SSD di riferimento GREEN	BIO07, CHIM/01, CHIM/03, CHIM/06, CHIM/09, GEO/01, GEO/04, GEO/10, ICAR/03, INF/01, ING-INF/05, M-FIL/02			
Link for Oral examination via remote interview	<p>Candidates will take the oral examination remotely (videoconference tool used: Zoom)</p> <p>The link to the Zoom platform for the oral exam will be indicated in the file "Oral exam calendar / Calendar of interviews" at the link www.uniurb.it/pon-ricerca-e-innovazione</p>			
Evaluation Research project / Interview	<p>Research project: maximum final vote 20</p> <p>Interview: maximum final vote 60 (including the knowledge of the English language)</p> <p>Minimum final vote: 60/80</p>			
Compulsory documentation to be attached to the application form	Curriculum vitae et studiorum	<p>Template available at the following link: https://www.uniurb.it/studiakonnoi/laureati/dottorati-di-ricerca/informazioni-perammissione</p>		
	Research project	<p>Research project about the selected topic (form at the link: www.uniurb.it/pon-ricerca-e-innovazione</p>		



Oral examination via Zoom videoconferencing	Novembre 9th 2021 at 9.00 a.m.
Language	During the oral examination, the Selection Board will assess the knowledge of the English language.
How to apply	<p>The application must be submitted exclusively via the online procedure available at: For the application on INNOVATION thematic: https://pica.cineca.it/uniurb/dottorato37-innovazione</p> <p>For the application on GREEN thematic: https://pica.cineca.it/uniurb/dottorato37-green</p> <p>by and no later than October 29th, h 13:00 CEST (Italian time) All documents (max. 30Mb/each) must be attached in pdf format. The application and the attached documents are sent automatically to the University at the submission of the online procedure. No hard copy of the documentation must thus be delivered nor sent to the offices.</p>
For information requests regarding scientific aspects of the Programme	<p>Ph.D. Programme Coordinator: Professor Alessandro Bogliolo, tel +39 0722 304410 Email: remest@uniurb.it</p> <p>Please indicate "Ph.D. Programme in RESEARCH METHODS IN SCIENCE AND TECHNOLOGY" in the email subject</p>
For information requests regarding administrative aspects and support with the online application procedure	<p>dottorato@uniurb.it</p> <p>Please indicate "Ph.D. Programme in RESEARCH METHODS IN SCIENCE AND TECHNOLOGY" in the email subject</p>

<p>PhD Programme in HUMANITIES PhD scholarships financed PON (D.M. 1061/2021) Az. IV.4 e Az. IV.5</p>		
Curricula	<ul style="list-style-type: none"> • Text and communication sciences • Contemporary History and Comparative Cultures • Human sciences 	
Administrative Department	Department of Communication Sciences, Humanities and International Studies	
Duration of the Programme	3 years	
Available positions	n. 6	<i>Thematic area</i>
		1) The construction of public discourse on ecological transition in a transmedial perspective
		Insights at the following link:



Scholarships "GREEN" theme	<p>2) History of environmental and social sustainability</p> <p>3) Philosophical assumptions for an ecological conversion: development strategies for active participation in the new challenges of the European Green Deal</p> <p>4) Ecosustainability education. The construction of "Green" habitus at school</p>	www.uniurb.it/pon-ricerca-e-innovazione
SSD di riferimento GREEN	SPS/08 Sociologia dei Processi culturali e comunicativi M-STO/04 Storia contemporanea (nelle varianti, per lo stesso settore, di Storia dei partiti e dei movimenti politici, Storia sociale, Storia dell'Europa contemporanea) M-FIL/01 Filosofia Teoretica M-PED/03 Didattica e Pedagogia speciale	
Link Online interview	Candidates will take the oral examination remotely (videoconference tool used: Zoom) The link to the Zoom platform for the oral exam will be indicated in the file "Oral exam calendar / Calendar of interviews" at the link www.uniurb.it/pon-ricerca-e-innovazione	
Evaluation Research project / Interview	Research project: maximum final vote 20 Interview: maximum final vote 60 (including the knowledge of the English language) Minimum final vote: 60/80	
Documentation to be attached to the application form	Curriculum vitae et studiorum	Template available at the following link: https://www.uniurb.it/studiaconnoi/laureati/dottorati-di-ricerca/informazioni-perammissione
	Research project	Research project about the selected topic (form at the link: www.uniurb.it/pon-ricerca-e-innovazione
Date of oral interview	November 9th 2021 at 2 p.m.	
Language	During the oral examination, the Selection Board will assess the knowledge of the English language. It is possible to take the oral examination in English upon request.	
How to apply	The application must be submitted exclusively via the online procedure available at: https://pica.cineca.it/uniurb/dottorato37-green no later than h 13:00 (Italian time) on October 29th 2021 All documents (max. 30Mb/each) must be attached in pdf format. The application and the attached documents are sent automatically to the University at the submission of the online procedure. No hard copy of the documentation must thus be delivered nor sent to the offices.	
For information requests regarding scientific aspects of the Programme	Department of Communication Sciences, Humanities and International Studies: Via Saffi, 15, tel. 0039 0722 305760, segreteria.discui@uniurb.it Ph.D Programme Coordinator Professor Giovanni Boccia Artieri email: giovanni.bocciaartieri@uniurb.it Referent for the Sciences of the text and communication Curriculum Professor Liana Lomiento email: liana.lomiento@uniurb.it Referent for the Contemporary History and Comparative Culture Curriculum Professor Anna Tonelli	



	<p>mail: anna.tonelli@uniurb.it</p> <p>Referent for the Curriculum in Human sciences Professor Antonello Colli email: antonello.colli@uniurb.it</p> <p>Please indicate "Ph.D. PROGRAMME in HUMANITIES_title of the chosen curriculum" in the email subject</p>
For information requests regarding administrative aspects and support with the online application procedure	<p>Please send an email to: dottorato@uniurb.it</p> <p>Please indicate "Ph.D. PROGRAMME IN HUMANITIES" in the email subject.</p>

<p>Ph.D. Programme in GLOBAL STUDIES. ECONOMY, SOCIETY AND LAW PhD scholarships financed PON (D.M. 1061/2021) Az. IV.4 e Az. IV.5</p>				
Administrative Department	Department of ECONOMIA, SOCIETÀ, POLITICA			
Duration of the Programme	3 years			
Available positions Scholarships "GREEN" theme	n. 5	<i>Thematic area</i>		Insights at the following link:
		1) Sustainability in rural communities of East Africa		www.uniurb.it/pon-ricerca-e-innovazione
		2) Development of an integrated analysis methodology for Lean Manufacturing and Sustainable Development in the engineering industry		
		3) Climate change mitigation and adaptation: risks, impacts and resilience		
		4) Sustainability of organic food supply chains and enhancement strategies		
		5) Environmental sustainability and capitalism evolution		
SSD di riferimento GREEN	SECS-P/01, SECS-P/02, SECS-P/06, SECS-P/07, SECS-P/08, SECS-P/13, SECS-S/06, SPS/01, SPS/02, SPS/04.			
Online interview and link	<p>Candidates will take the oral examination remotely (videoconference tool used: Zoom)</p> <p>The link to the Zoom platform for the oral exam will be indicated in the file "Oral exam calendar / Calendar of interviews" at the link www.uniurb.it/pon-ricerca-e-innovazione</p>			
Evaluation Research project / Interview	<p>Research project: maximum final vote 20</p> <p>Interview: maximum final vote 60 (including the knowledge of the English language)</p> <p>Minimum final vote: 60/80</p>			



Documentation to be attached to the application form	Curriculum vitae et studiorum	Template available at the following link: https://www.uniurb.it/studiakonnoi/laureati/dottorati-di-ricerca/informazioni-perammissione
	Research project	Research project about the selected topic (form at the link: www.uniurb.it/pon-ricerca-e-innovazione)
Date for the oral interview	November 8th 2021 at 9.00 a.m.	
Language	During the oral examination, the Selection Board will assess the knowledge of the English language. The oral examination will be held in English.	
How to apply	The application must be submitted exclusively via the online procedure available at: https://pica.cineca.it/uniurb/dottorato37-green by and no later than October 29th, h 13:00 (Italian time) All documents (max. 30Mb/each) must be attached in pdf format. The application and the attached documents are sent automatically to the University at the submission of the online procedure. No hard copy of the documentation must thus be delivered nor sent to the offices.	
For information requests regarding scientific aspects of the Programme	Ph.D. Programme Coordinator: Professor Antonello Zanfei, tel +39 0722 305 508 Email: antonello.zanfei@uniurb.it Please indicate DOTTORATO PON GLOBAL STUDIES. ECONOMY, SOCIETY AND LAW	
For information requests regarding administrative aspects and support with the online application procedure	PhD. Office: dottorato@uniurb.it Please indicate: DOTTORATO PON GLOBAL STUDIES. ECONOMY, SOCIETY AND LAW	