



IUSS

Scuola Universitaria Superiore Pavia

Announcement of the call of applications for the Doctoral Course in

Sustainable Development and Climate Change

37th cycle – academic year 2021/2022

DEADLINE FOR THE SUBMISSION 1200 (CEST) 22 July 2021

Changes or additions to the call will be published on the

School's "Call for applications" section

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Art. 1 - ESTABLISHMENT OF THE DOCTORAL COURSE IN SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE

The Scuola Universitaria Superiore IUSS, Piazza della Vittoria n. 15 – 27100 Pavia (hereafter “the School”), hereby announces a Call for Applications to enrol in the 37th – XXXVII cycle of the Inter-university Doctoral Course in Sustainable Development and Climate Change (hereafter PhD-SDC) for the academic year 2021/2022.

The PhD Programme Coordinator is Professor Mario Martina – mario.martina@iusspavia.it

1.1 Course description and course aims/objectives

The Doctoral Course in Sustainable Development and Climate Change (PhD-SDC) aims to produce a new generation of knowledgeable people and future decision makers, with the capacity for societal re-design, to achieve a society whose objectives are not focused solely on economic growth. The degree course is aimed at providing the training and capabilities needed to handle current complex problems whose solution requires consideration of the interactions between economic and technological aspects, and societal issues such as justice and migration, health, pollution and climate change and access to water and food.

Sustainability and climate change are the cross-disciplinary theme of the PhD-SDC which is organized in six curricula. This PhD course will offer doctoral candidates the opportunity to achieve in-depth education in a particular speciality according to the curriculum chosen, and high-level and robust learning and understanding of the areas included in the other five curricula.

The course will provide opportunities to work in inter-disciplinary teams on topical sustainability and climate change-related problems and, thus, to learn how to approach problems from different angles and discuss and negotiate with experts in other fields. In other words, the aim is to provide an education experience that, as closely as possible, mirrors real-life complex problems facing humanity, whose solution will guarantee ‘a healthy and just future’ for coming generations. For example, the PhD candidates will be asked to propose effective means of achieving the 2030 Sustainable Development Goals (SDGs) defined by the United Nations.

The PhD programme includes six curricula, described in detail in the document “[Research Programme](#)”. The six curricula are:

- 1. Earth System and Environment**
- 2. Socio-economic Risk and Impacts**
- 3. Technology and Territory**
- 4. Theories, Institutions and Cultures**
- 5. Agriculture and Forestry**
- 6. Health and Ecosystems**

1.2 Affiliated locations

The Doctoral Course is offered by IUSS in collaboration with 29 universities (affiliated locations):

1. Politecnico di BARI
2. Politecnico di MILANO
3. Politecnico di TORINO
4. Scuola Normale Superiore di PISA
5. Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna
6. Università "Ca' Foscari" VENEZIA
7. Università Cattolica del Sacro Cuore
8. Università degli Studi dell'AQUILA
9. Università degli Studi INSUBRIA Varese-Como
10. Università degli Studi di BARI ALDO MORO
11. Università degli Studi di BRESCIA
12. Università degli Studi di CAGLIARI
13. Università degli Studi di CASSINO e del LAZIO MERIDIONALE
14. Università degli Studi di FERRARA
15. Università degli Studi di FIRENZE
16. Università degli Studi di GENOVA
17. Università degli Studi di MESSINA
18. Università degli Studi di MILANO
19. Università degli Studi di MODENA e REGGIO EMILIA
20. Università degli Studi di PADOVA
21. Università degli Studi di PAVIA
22. Università di PISA
23. Università degli Studi di SASSARI
24. Università degli Studi di SIENA

25. Università degli Studi di TORINO
26. Università degli Studi di TRENTO
27. Università degli Studi di TRIESTE
28. Università degli Studi di Urbino Carlo Bo
29. Università degli Studi "Mediterranea" di REGGIO CALABRIA

1.3 Scholarships

The "[Research Programme](#)" document describes the 105 scholarships that are available. Each scholarship is theme-bound, that is, there is a requirement for the recipient to focus his or her doctoral research on a specific topic and conduct his/her research activity at the host university offering the scholarship. The scholarships can be assigned only to the candidates who explicitly apply and are evaluated by the selection board as eligible to be awarded a scholarship.

The interviews will allow the selection board to confirm that the candidates have the necessary fundamental knowledge and skills to be admitted to the doctoral course and to study the selected scholarship research topics. For further information on this doctoral course and its "[Education Programme](#)", go to the IUSS website – <http://www.iusspavia.it/phd-sdc> or email to phd-sdc@iusspavia.it.

Art. 2 – ADMISSION REQUIREMENTS

Eligible candidates must have the following academic qualifications (there are no citizenship requirements):

- a) Master's degree;
- b) Similar academic qualification obtained abroad and recognized by the Selection Board as comparable to an Italian master's degree, in terms of duration of study and study content and deemed as providing eligibility for application to the course.

Applicants due to be awarded their master's (or equivalent qualification) by 31 October 2021 may also apply.

Art. 3 - APPLICATIONS

3.1 Application procedure

The deadline for applications is **1200 CEST on 22 July, 2021**. No fees are required at this stage.

Application can be submitted electronically – see the online procedure described below and available on the School website at <https://iusspavia.esse3.cineca.it>.

- For already registered applicants, just login is required;
- Other applicants should go to "Register" and then "Web Registration" and enter the following data:
 - Personal Data (Name, Surname, Date of birth, Gender, Citizenship, Country, Province, Town);

- ID documentation (Type of document, ID number, Issuer, Issue Date, Expiry date);
- Address (Country, Province, Town, Zip/postcode, Street, Number, Length of residency, Phone number, home address)
- Contact details (e-mail, mobile, preferred language for communication).

Once registered, individuals will receive information to the email address provided. **Login will be available after receipt of an email confirming successful registration.**

In order to apply:

1. Click on “Menu” – “Secretariat” – “Application” and select the PhD course in Sustainable Development and Climate Change;
2. Confirm and attach a scanned copy of the ID document;
3. Select the **Curriculum**;
4. Provide the following information:
 - disability aids required;
 - degree (type, university, grade, date of graduation). For those candidates who have not yet been awarded their degree, we require information on university, class (for Italian degrees only) and academic year;
 - other relevant qualifications.
5. Provide ‘Other Information and Declarations’ including:
 - an expression of interest in one or more (up to a maximum of 3) thematic scholarships in order of preference. Please note that the expressions of interest and order of the preferences are binding for the scholarship assignment as explained in art. 6). **The “[Research Programme](#)” in the call for applications information, provides details of the available scholarships, the host university and the reference person;**
6. provide information on:
 - award of a research grant.
 - employment in an Italian public administration.
7. To confirm the ‘Other Information and Declarations’ data entered, click on ‘Confirm’ and then click on ‘Exit’.
8. Finally, confirm the chosen call and click on ‘Submit Application’ (please be aware that the application cannot be modified after the submission)

Successful submission of application will be confirmed by email to the email address provided in the registration details.

3.2 Required accompanying documents

a)	A scan of a valid ID document which includes a photo	Scanning of both sides of the document
b)	Curriculum Vitae	<p>Language: English.</p> <p>Length: max 2000 words</p> <ul style="list-style-type: none"> - Must include: - Education qualifications and training path; - research and/or work experience; - list of publications; - other relevant qualifications/documents that provide information on the applicant's academic and professional experience.
c)	<p>Proof of all university degree awards, including the following information:</p> <ol style="list-style-type: none"> 1. University; 2. Degree type; 3. Degree programme; 4. Class (for Italian degrees only); 5. Date of degree award; 6. Final mark/grade; 7. Where available, list of and grades achieved for all exams and CFUs; 	<p>Language: Italian, English, French or Spanish</p> <p>Type of certificate for titles obtained in:</p> <ol style="list-style-type: none"> 1. Public Italian Universities: self-declaration* of bachelor's or master's degree award, signed and dated. 2. EU and non-EU member state universities : where available, certificates, <i>transcripts of records</i> of the I and II level title or <i>Diploma Supplement</i>.
d)	<p><i>For applicants awaiting award of their master's degree:</i></p> <p>Proof of examinations taken and grades obtained.</p>	Language: Italian, English, French or Spanish
e)	Research Proposal	Language: English

		<p>The Research Proposal (1,000-2,500 words) should be focused on the research topic chosen as the first preference and must include:</p> <ul style="list-style-type: none"> - Abstract (max 250 words) - Research scope and questions - Methodology - Expected results and impacts
f)	Letter of Purpose	<p>Language: English</p> <p>Letter of Purpose (max 500 words)</p> <p>must include motivations for conducting the proposed research proposal, which means the research topic listed as the first preference, and the interest in the other research topics selected based on relevant skills and experience.</p>

* Current regulations do not allow certificates issued by other Public Administrations. Applicants' qualifications included in the application must be self-certified if issued by Italian public universities.

With the exception of a), which can be in the original language, and c) and d), which can be in Italian, English, French or Spanish, **all documents must be in English**. In the case of documents issued in a different language, an official translation (into Italian or English, by the university that awarded the qualification or by an authorized body) must be provided.

Art. 4 – ADMISSION PROCEDURE

Verification	<p>Selection will be based on an assessment of the qualifications listed in the 'Qualification assessment' section and an oral interview. The Selection Board will award a score from 1 to 100.</p> <p>1. Qualification Assessment: The Selection Board will assess the scientific qualifications and award an overall score up to a maximum 60 points. Applicants obtaining a score of at least 35 will be invited to attend an interview.</p> <p>The Selection Board will assign scores based on:</p>
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	<ul style="list-style-type: none"> - curriculum vitae, qualifications and examinations (Required documents b, c and d): max 20 points - Research Proposal and Letter of Purpose (Required documents e and f): max 40 points. <p>2. Oral interview: interviews will be via Zoom and will be conducted in English. They will include discussion of scientific background, Research Proposal and Letter of Purpose. The candidate may use slides and the shared screen facility. For each of the research topics, the Selection Board can invite a proven expert to participate in the interview. This expert could be a member of the academic board. The Selection Board will score interviews max 40 points. A minimum of 25 points is required to continue in process.</p> <p>During the interview, the selection board will verify that the candidate has the necessary fundamental knowledge and skills to for attending the doctoral course and evaluate the eligibility for the research topics of the scholarships selected.</p>
Qualifications assessment	<ul style="list-style-type: none"> - Curriculum vitae; - <i>Diploma supplement</i> or certificate with bachelor's and master's degree grades or levels; - List of publications as stated on CV; - Research Proposal; - Letter of Purpose; - Any other relevant qualifications described in the CV that provide evidence of academic and professional experience
Assessment Results	The results of the qualification assessment will be published on the IUSS website – on the Call for Applications page, by 6 August 2021.
Interview Schedule	The interviews will be conducted starting 30 August 2021. Candidates will be given reasonable notice of the date and timing of the oral interview.
Special needs	People with disabilities can apply for special equipment/other aids during the application process.

Candidates must be connected on the Zoom platform via both audio and video. Failure to connect at the scheduled date and time for the interview, or missing proof of ID will be regarded as withdrawal from the application process.

Art. 5 – SELECTION BOARD

Selection boards for admissions to PhD programmes are appointed by the university's Rector and their composition is available on the School website – Call for Applications page. The Selection Board will be split into subcommittees, corresponding to the different curricula. The subcommittees will be responsible for arranging and conducting the relevant oral interviews.

Art. 6 – RANKING AND ASSIGNMENT OF SCHOLARSHIPS

Following the oral interviews, a final ranking for each curriculum will be published on the School website – Call for Applications page before 27 September 2021.

The final ranking:

- Will be in decreasing order of scores and in case of equal scores, minor age will be considered;
- Will report eligibility to study the research topics in the order of preference in the submission based on the assessment of the Selection Board.

The scholarships will be assigned according to the following procedure:

1. by email to each candidate following the ranking order and according to the scholarship available for the candidate's declared research topics;
2. candidates must confirm acceptance by replying to the email before the deadline indicated;
3. once scholarships are assigned, they are no longer available;
4. if the candidate refuses the scholarship or fails to confirm before the deadline, he/she will lose the right to that or any other scholarship. The scholarship will be offered to the next eligible candidate.

This procedure will continue until all scholarships are assigned or until 30 October 2021.

Art.7 – ENROLMENT

7.1 Enrolment procedure

Publication of the rankings on the School's Online Official Register shall be considered official notification.

The Doctoral Course Programme will start on 1 November 2021.

Successful candidates will be notified of the final date for enrolment; failure to enrol by that date will result in their exclusion from the doctoral course.

Enrolment requires submission of:

- a) a tax declaration form;

- b) confirmation of electronic payment of the regional tax for the right to study;
- c) for candidates who obtained their master's degree abroad a Declaration of Local Value (or a copy of the application to the competent authority) or Diploma Supplement is required;
- d) for candidates awarded their master's degree ("laurea magistrale") after the deadline for applications to the course but no later than 31st October 2021, a degree certificate or self-declaration of the 2nd level qualification with grades, date and place of degree award must be sent by email to phd-sdc@iusspavia.it.

Enrolment requires candidates to:

1. login to [Service Esse3 – Reserved Area](#)
2. click on "Secretary – Enrolment" and follow the procedure
3. click on "Tax situation – Entry"
5. pay the entry fee via the PagoPA system as required by current Italian legislation.

No other enrolment or payment procedures are allowed.

7.2 Additional requirements for visa applicants

Non-EU students should apply for a specific study visa to enter Italy using the online procedure on the University portal. Students must apply for a residence permit for study purposes within eight (8) days of arriving in Italy.

For further information, go to: <http://www.iusspavia.it/phd-sdc/admission> .

7.3 Registration fee

PhD students must pay the registration fee for each academic year. The registration fee includes the regional tax and the stamp duty. For information only, the academic year 2020/2021 registration fee was 156,00 euro.

Withdrawal from the doctoral course after payment of the registration fee does not give entitlement to a reimbursement of the registration fee.

Art.8 – SCHOLARSHIP AND OTHER GRANTS

Scholarships will be paid monthly at the end of each month. The scholarships cover the whole PhD Course and are awarded for Year 1 and confirmed annually, depending on the relevant teaching board's approval of continuation in the programme.

The annual amount of the scholarship is €15,343.28 which includes the national social security contribution (INPS). This sum is exempt from IRPEF tax and is subject to payment of the INPS (or gestione separata), to which the university contributes two-thirds and the student one-third. The PhD students are covered by the relevant universities' insurance schemes. PhD students must be enrolled in the INPS "gestione separata".

Failure to fulfil the agreement with external entities for the scholarships financing before 30 October 2021 will result in the scholarships not being assigned.

Art. 9 – LIMITATIONS ON OTHER EMPLOYMENT

Admission to the PhD course implies a full-time commitment and no other type of employment is allowed. However, “[Regulations for Doctoral Courses](#)” art. 15 allows the student, while enrolled on the course, to occasionally work for other entities with strict limitations. Please refer to the Regulations for more details.

Art. 10 – MANAGEMENT OF PERSONAL DATA

Personal data provided by candidates will be collected and stored by the School according to art. 11 of the Italian Legislative Decree no. 196/2003 and Regulation (EU) 2016/679 for the management of competitive calls. Anonymized data may be used for statistical purposes. The data are required for application to the programme. Interested parties have the right to ask the data handler to access personal data and correct or cancel it, or limit or deny its use (art. 15 and EU Regulation 679/2016). Requests to adjust data must be submitted in writing to the School, to the Head of Personal Data Protection RPD - Piazza della Vittoria No. 15, email: dpo@iusspavia.it. Interested parties also have the right to lodge a complaint with the Guarantor in accordance with the procedures laid down in Regulation (EU) 2016/679. Further information on the management of personal data by the School can be found at: <http://www.iusspavia.it//protezione-dati-personale>

Transparent administration

The Scuola Universitaria Superiore IUSS Pavia operates in compliance with the legislation on the prevention of corruption (Italian Law 190/2012), applying the measures identified in the ‘Piano Integrato’ in the ‘Trasparenza’ section (in Italian) on the School web site at: <http://www.iusspavia.it>.

Art 11 – REFERENCE RULES

For any items or information not included in this announcement, please refer to the “[Regulations for Doctoral Courses](#)” issued by the D.R. n. 188 – 2018 and the “Regulations for the PhD in Sustainable Development and Climate Change”.

Submission of an application for selection using the procedure described in art. 3 implies acceptance of the rules contained in this announcement and the regulations that apply to PhD courses.

Procedure Supervisor

Eng. Giuseppe Conti, General Manager – Palazzo del Broletto, Piazza della Vittoria n. 15 – 27100 Pavia – tel. +39 0382375811, fax +39 0382375899, e-mail: info@iusspavia.it.

Disclaimer

The Italian version of this document is the official and legally binding announcement document. The English version is not legally binding and is meant only to provide information in English for potential applicants.