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Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

Attachment A to Announcement PhD XL round

PhD in LANDSCAPE STUDIES FOR GLOBAL AND LOCAL CHALLENGES

Coordinator: Prof.ssa Alessandra Ghisalberti

Scientific Area:

8 - CIVIL ENGINEERING AND ARCHITECTURE

10 - ANCIENT, PHILOLOGICAL-LITERARY AND HISTORICAL-ARTISTIC SCIENCES

11 - HISTORY, PHILOSOPHY, PEDAGOGY AND PSYCHOLOGY

12 - LEGAL SCIENCES

13 - ECONOMIC SCIENCES AND STATISTICS

14 - POLITICAL AND SOCIAL SCIENCES

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	6	4	2

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 2

Access requirement:

Possession, by Oct. 31, 2024, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

Additional access requirements:

- A Master's degree or other fit international qualification. The final dissertation mark should be at least 105/110. For students who will be achieving the qualification required for admission after the deadline of the call, the average exams mark should be at least 105/110;
- Italian candidates or with a qualification obtained in Italy must have a B2 (CEFR) language level in English or French, self-certified and verified during the admission interview;
- Candidates with a qualification obtained abroad must submit a certified translation of the degree certificate with the correspondence of the degree mark in one-hundred cents;
- Candidates with a qualification obtained abroad and who are not Italian mother tongue must have a B2 (CEFR) Italian level self-certified and verified during the admission interview.

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 15 marks;
- research project: up to 25 marks (the project may be submitted in Italian, English or French);
- final grades or equivalent documentation: up to 10 marks;
- other qualifications: e.g. specialisation courses, post-graduate courses, etc.; attendance to research projects, contract ownerships, scholarships, assignments in national or international



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research bodies, duly certificated, showing the activity's effective date and duration: up to 5 marks;

- scientific publications (endowed with ISBN or ISSN): up to 5 marks (only publications not older than five years at the date of publication of the call and relevant to the topics of the doctoral program will be evaluated).

Interview (up to 30 marks):

- Discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions, goals and method): up to 20 marks;
- relevance of demonstrated knowledge in the field of curricular subjects forming doctorate objectives: up to 10 marks.

Linguistic competence:

During the interview, Italian candidates or with a qualification obtained abroad must demonstrate their knowledge of English or French; candidates who are not Italian mother tongue will be required to also demonstrate the knowledge of Italian language.

Interview date:

07/03/2024 at 9:00 AM (Italian time) eventually continuing on 07/04/2024 at 9:00 AM (Italian in time), depending on the number of candidates participating to the interview.

The interview will be carried out in person and in Italian, English or French. The interview can be carried out only for candidates residing abroad who request it.



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PhD in HUMAN SCIENCES AND WELFARE INNOVATION

Coordinator: Professor Marco Lazzari

**Scientific Area: 11 - History, philosophy, pedagogy and psychology
14 - Political and social sciences**

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	6	4	2

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 2

Access requirement:

Possession, by Oct. 31, 2024, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

Additional access requirements:

International students are required to have a qualification equivalent to B2 for the Italian Language

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- *curriculum studiorum:* up to 20 marks;
- research project (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program): up to 40 marks.

Interview (up to 30 marks):

- knowledge of the English language and, for foreign students, also of the Italian language: up to 5 points
- discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions and goals): up to 15 marks;
- relevance of demonstrated knowledge in the subjects covered by the PhD program: up to 10 marks.

Linguistic competence

English language. Candidates who are not Italian mother tongue will be required to also demonstrate the knowledge of Italian language



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Interview date:

04/07/2024 at 10:00 am (Italian time) eventually continuing on 05/07/2024 at 10:00 am (Italian time) depending on the number of candidates participating in the interview.

The interview will be carried out in person and in Italian.



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PHD in PHILOLOGICAL AND LINGUISTIC STUDIES ON ORAL AND WRITTEN RECORDS

Coordinator: Prof.ssa Maria Grazia Cammarota

Scientific Area: 10 - Ancient, philological-literary and historical-artistic sciences

Curricula:

- Texts, writings and cultural-historical memory
- Languages, scriptures and orality

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	6	4	2

Scholarships:

No.4 financed by the University

Positions with no scholarship: no. 2

Access requirement:

Possession, by Oct. 31, 2024, of one of the following master's degrees or corresponding degree obtained under the previous regulations:

LM-5 Archivistica e biblioteconomia
LM-14 Filologia moderna
LM-19 Informazione e sistemi editoriali
LM-37 Lingue e letterature moderne europee e americane
LM-38 Lingue moderne per la comunicazione e la cooperazione internazionale
LM-39 Linguistica
LM-43 Metodologie informatiche per le discipline umanistiche
LM-84 Scienze storiche
LM-92 Teorie della comunicazione
LM-94 Traduzione specialistica e interpretariato

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- *curriculum studiorum:* up to 20 marks; for those who have not yet graduated, the average of the proficiency exams is evaluated;
- research project (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program): up to 40 marks.

Interview (up to 30 marks):

- knowledge of the English language (and possibly an additional project-related language) and, for foreign students, also of the Italian language: up to 5 points
- discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions and goals): up to 15 marks;



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- relevance of demonstrated knowledge in the subjects covered by the PhD program: up to 10 marks.

Linguistic competence: English language at an academic level (B2 advanced). Foreign candidates will also be assessed on their knowledge of the Italian at an academic level (B2-C1)

Interview date:

3/07/2024 at 9.30 hours (Italian time) eventually continuing on 4/07/2024 at 16:00 hours depending on the number of candidates participating to the interview.

The interview will be carried out in person and in Italian language. Candidates residing abroad may request the telematic mode.



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PhD in SUSTAINABLE TECHNOLOGIES FOR INDUSTRIAL AND CONSTRUCTION ENGINEERING

Coordinator: Prof.ssa Alessandra Marini

Scientific Area:

- 2 - PHYSICS**
- 3 - CHEMISTRY**
- 8 - CIVIL ENGINEERING AND ARCHITECTURE**
- 9 - INDUSTRIAL AND INFORMATION ENGINEERING**

Curricula:

- Advanced and Sustainable Materials
- Energy, Fluid Mechanics & Heat/Mass Transfer
- Electronics, Mechatronics and E-Mobility
- Construction and Preservation of Built Environment

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 anni	7	5	2

Borse di studio:

- N. 4 financed by the University,
- N. 1 financed by the University allocated to a topic related to the DROPIT project ("Droplet Interaction Technologies") under the agreement with the University of Stuttgart. In case no suitable profile is found to carry out the research within the DROPIT project, the scholarship will be made available for the research topics defined by the Ph.D. faculty for individual doctoral students as part of their individual training plan.

Positions with no scholarship: No 2

Access requirement:

Possession, by Oct. 31, 2024, of one of the following master's degrees or corresponding degree obtained under the previous regulations:

LM-4 Architettura e ingegneria edile-architettura
 LM-4 c.u. Architettura e ingegneria edile-architettura (quinquennale)
 LM-17 Fisica
 LM-20 Ingegneria aerospaziale e astronautica
 LM-21 Ingegneria biomedica
 LM-22 Ingegneria chimica
 LM-23 Ingegneria civile
 LM-24 Ingegneria dei sistemi edilizi
 LM-25 Ingegneria dell'automazione
 LM-26 Ingegneria della sicurezza
 LM-27 Ingegneria delle telecomunicazioni
 LM-28 Ingegneria elettrica
 LM-29 Ingegneria elettronica
 LM-30 Ingegneria energetica e nucleare
 LM-31 Ingegneria gestionale
 LM-32 Ingegneria informatica
 LM-33 Ingegneria meccanica



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LM-34 Ingegneria navale
LM-35 Ingegneria per l'ambiente e il territorio
LM-40 Matematica
LM-44 Modellistica matematico-fisica per l'ingegneria
LM-48 Pianificazione territoriale urbanistica e ambientale
LM-53 Scienza e ingegneria dei materiali
LM-54 Scienze chimiche
LM-71 Scienze e tecnologie della chimica industriale
LM-75 Scienze e tecnologie per l'ambiente e il territorio
4/S (specialistiche in architettura e ingegneria edile)
20/S (specialistiche in fisica)
25/S (specialistiche in ingegneria aerospaziale e astronautica)
26/S (specialistiche in ingegneria biomedica)
27/S (specialistiche in ingegneria chimica)
28/S (specialistiche in ingegneria civile)
29/S (specialistiche in ingegneria dell'automazione)
30/S (specialistiche in ingegneria delle telecomunicazioni)
31/S (specialistiche in ingegneria elettrica)
32/S (specialistiche in ingegneria elettronica)
33/S (specialistiche in ingegneria energetica e nucleare)
34/S (specialistiche in ingegneria gestionale)
35/S (specialistiche in ingegneria informatica)
36/S (specialistiche in ingegneria meccanica)
37/S (specialistiche in ingegneria navale)
38/S (specialistiche in ingegneria per l'ambiente e il territorio)
45/S (specialistiche in matematica)
50/S (specialistiche in modellistica matematico-fisica per l'ingegneria)
54/S (specialistiche in pianificazione territoriale urbanistica e ambientale)
61/S (specialistiche in scienza e ingegneria dei materiali)
62/S (specialistiche in scienze chimiche)
81/S (specialistiche in scienze e tecnologie della chimica industriale)
82/S (specialistiche in scienze e tecnologie per l'ambiente e il territorio)

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- *curriculum studiorum*: up to 30 marks;
- *research project* (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program; the proposal template can be downloaded at this [link](#)): up to 20 marks.
- other qualifications, publications, reference letters from Italian or foreign academics: up to 10 points.

Interview (up to 30 marks):

- knowledge of the English language and, for foreign students, also of the Italian language: up to 5 points
- discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions, methodology and goals): up to 25 marks;



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Linguistic competence:

English language. For foreign candidates, knowledge of the Italian language will also be assessed.

Interview date:

July, 4th, 2024 at 9:30 am (Italian time) eventually continuing on July, 5th, 2024 at 9:30 am (Italian in time), depending on the number of candidates participating to the interview.

The interview will be carried out via videoconference, on the basis of the commission's decision

The interview will be held in English.



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PhD in TECHNOLOGY, INNOVATION AND MANAGEMENT (TIM)

Coordinator: Prof. Paolo Gaiardelli

Scientific Area: 09 - Industrial and information engineering

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	7	5	2

Scholarships:

- No. 4 financed by the Università degli studi di Bergamo;
- No. 1 financed by Ministerial Decree 629/2024 for the following PNRR research topics:

1	Project title: Comparison between the evolution of the Italian and Chinese manufacturing systems from an industry 4.0 and industry 5.0 perspective
	Reference Professor: Prof. Gianluca d'Urso

Positions with no scholarship: No. 2

Contracted structures: University of Naples "Federico II"

Access requirement:

Possession, by Oct. 31, 2024, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 5 marks;
- two letters of reference from Italian or foreign academics: up to 10 marks;
- examinations sustained during the triennial/postgraduate/master degree course or degree attained according to previously-applicable systems as per Ministerial Decree 509/1999, with particular reference to the curricular subjects forming doctorate objectives: up to 15 marks;
- other qualifications of specialization and research activities, normalized per year from the date of the graduate degree specialistica/magistrale, if present (publications on international journals, specialization post-graduate courses, summer schools, attendance to research projects, position of research fellowship or research assistant, participation to research contracts, scholarships, assignments in universities and in national or international research bodies; all qualifications must be certificated, showing the activity's effective date and duration): up to 5 marks;
- research project (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program): up to 25 marks.



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Interview (up to 30 marks):

- knowledge of the English language and, for foreign students, also of the Italian language: up to 5 points
- discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions and goals; evaluation of the candidate's aptitude for scientific research): up to 25 marks;

Interview date:

08/07/2024 at 09:00 hours (Italian time) eventually continuing on 09/07/2024 at 09:00 hours (Italian time) depending on the number of candidates participating to the interview.
The interview will be carried out via videoconference and in English.

THE CHANCELLOR

(Professor Sergio Cavalieri)

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