



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Scuola
di alta formazione
dottorale

Attachment A to Announcement PhD XLII round

PHD in ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE FUTURES

Coordinator: Prof. Antonio Ferramosca

Scientific Area:

- 01- Mathematics and informatics**
- 09 - Industrial and information engineering**
- 10 - Ancient, philological-literary and historical-artistic sciences**
- 11 - Historical, philosophical, pedagogical and psychological sciences**
- 12 - Legal sciences**
- 13 - Economic sciences and statistics**
- 14 - Political and social sciences**

Curricula:

- AI in context: sustainable socio-technical systems

The curriculum explores the social, philosophical, economic, and cultural dimensions of the principle of sustainability as applied to artificial intelligence. It investigates technological innovation as a complex sociotechnical system in which artificial intelligence becomes significant insofar as it is inextricably intertwined with economic and production models, organizational cultures, regulatory frameworks, social representations, and cultural and aesthetic sensibilities. The in-depth examination of the relational and situated nature of AI draws on contributions from sociology, philosophy, economics, business studies, law, linguistics and literary studies, psychology, and pedagogy. The programme includes theoretical and experimental approaches to AI design practices inspired by principles of social sustainability, with reference to the most recent developments in the fields of participatory AI and participatory development, as well as to the challenges related to the inclusion of broad publics and non-expert stakeholders in the conception and definition of its operational and usage frameworks.

- Participatory development of AI models, methods and applications

The curriculum aims to train professionals capable of developing AI models, methods, and applications through participatory dialogue with stakeholders from a sustainability perspective, understood in two senses. In the first sense, "AI for sustainability," the curriculum addresses the concept of sustainability through the development and implementation of AI models, methods, and applications that support the efficiency improvement of economic and productive sectors, with attention to short- and long-term multisectoral impacts. In the sense of "Sustainable AI," the curriculum addresses the issue of sustainability through the development of AI models, methods, and applications in accordance with the principles of participatory development. In addition to the transversal skills acquired through the common curriculum, this curriculum will provide technical and scientific skills in the design and development of AI models, methods, and applications, including economic-managerial and management skills useful for qualitatively and quantitatively assessing the impact that what has been developed may have in the socio-economic, legal, corporate, industrial, and cultural contexts in which it will be implemented.

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	6	5	1



Scholarships:

- No. 3 funded by the Università degli studi di Bergamo, free topics;
- No. 1 funded by the Università degli studi di Bergamo, fixed topic;

1	<p>Project title: Design and development of ICT methods and tools for the analysis and optimization of public procurement processes.</p> <p><i>The research project is aimed at studying public procurement processes from a digital innovation perspective, with particular attention to the analysis of procedural workflows, data quality, and decision-making mechanisms that characterize the different stages of the procurement lifecycle. The research aims to explore the use of data analysis, process mining, and artificial intelligence methodologies to identify patterns, recurring critical issues, performance indicators, and possible tools to support administrative decision-making. As part of the project, experimental prototypes of software tools may be developed. These will not be intended for the routine management of procedures, but rather for the scientific validation of the research hypotheses. The project may involve ICT operators active in the public sector, including through co-supervision, research periods within companies, or the analysis of use cases, in order to strengthen the applied and interdisciplinary dimension of the research path. The overall objective is to contribute to the definition of innovative, replicable, and legally sustainable models for the digital transformation of public procurement.</i></p> <p>Reference Professor: prof. Stefano Coniglio</p>
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- No. 1 funded by BPER Banca S.p.A., fixed topic.

1	<p>Project title: Statistics and deep learning techniques for synthetic data generation with banking applications</p> <p><i>Synthetic data has become a key resource wherever access to real records is constrained by confidentiality, regulation, or scarcity—conditions that are especially pronounced in the banking sector. This research project investigates how statistical inference can be combined with generative and agentic AI models to produce synthetic datasets that are analytically useful and respectful of privacy constraints. The work will see the development of a range of techniques which combine statistical models to deep generative architectures and agentic methods in which large language models drive the construction, refinement, and validation of synthetic records, with attention to how each technique handles tabular, heterogeneous, unstructured, and imbalanced data. A substantial part of the effort will concern the evaluation of the output: developing and applying metrics that capture how close the synthetic data are to the original distribution, their utility for the downstream task, and the disclosure risk they carry.</i></p> <p>Reference Professors: Prof. Sirio Legramanti, Prof. Stefano Coniglio</p>
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Positions with no scholarship: No. 1

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026

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 (Study periods abroad during the course of studies, any extracurricular/teaching activities carried out during the course of studies and related to the topics of the PhD programme, any winter/summer schools, and any specialization diplomas and postgraduate advanced training courses will be evaluated.) - up to 10 marks;
- two letters of reference from Italian or foreign academics - up to 5 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, 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, any work experience related to the topics of the PhD programme; 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.

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.

Language proficiency: English. For international candidates, knowledge of Italian will also be assessed.

Interview date:

09/07/2026 at 09:00 AM (Italian time) possibly continuing on 10/07/2025 at 09:00 AM (Italian time) depending on the number of candidates participating to the interview.
The interview will be carried out via videoconference and in English.



PhD in ECONOMICS

Coordinator: Prof. Francesco Cinnirella

Scientific Area: **01 - Mathematics and informatics**
 13 - Economic sciences and statistics

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
4 years	4	4	0

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 0

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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 points):

- curriculum vitae: up to 30 points;
- Research project (which will be evaluated on the basis of scientific value, originality and articulation of the proposal, consistency with the research themes of the doctoral program): up to 20 points;
- 2 letters of reference of the candidate from university professors: up to 10 points.

Interview (up to 30 points):

- proficiency in English and, for foreign students, also in Italian: up to 5 points;
- discussion of the research project (evaluation of the candidate's ability to convincingly argue premises and objectives of the project): up to 15 points;
- breadth of knowledge demonstrated in the area of doctoral research topics: up to 10 points.

Language competence: English language. For foreign candidates, knowledge of Italian language will also be evaluated.

Interview Date:

13/07/2026 h. 10:00 (Italian time) with possible continuation on 14/07/2026, depending on the number of candidates participating in the interview.

The interview will be conducted by videoconference and in English.



PhD in HEALTH AND LONGEVITY

Coordinator: Prof.ssa Caterina Rizzi

Scientific Area:

- 05 - Biological sciences**
- 06 - Medical sciences**
- 09 - Industrial and information engineering**
- 11 - Historical, philosophical, pedagogical and psychological sciences**
- 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	9	7	2

Scholarships:

N. 4 financed by the University

N. 2 financed by Istituto di Ricerche Farmacologiche Mario Negri IRCCS for the following research topics:

1	Project Title: Development of interpretable and reliable Artificial Intelligence models for the diagnosis and prediction of disease progression
	Reference Professor: Alberto Arrigoni

2	Project Title: Development of experimental models of rare diseases in zebrafish
	Reference Professor: Susanna Tomasoni

N. 1 financed by ASST Papa Giovanni XXIII for the following research topics:

1	Project Title: Digital therapeutics and synthetic data based on generative artificial intelligence models for predictive and prescriptive clinical decision support in oncology, particularly in melanoma
	Reference Professor: Antonio Ferramosca and Alberto Zambelli

Positions with no scholarship:

N. 2

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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 vitae studiorum - max 5 points;
- two letters of reference from Italian or foreign academics - max 10 points;
- examinations taken during the course of a bachelor's/master's/master's degree or degree awarded according to the system prior to Ministerial Decree 509/1999 or master's/specialist degree, with particular reference to the subjects covered by the doctoral course max 15 points;
- other titles of specialization and research activities normalized by year from the date of achievement of the master's/master's degree, if any (publications in international journals, specialization diplomas and postgraduate courses, summer schools, participation in research projects, positions of research fellow or research assistant, holding research contracts, scholarships, positions in universities and international national research organizations; all titles must be duly attested, with information on the starting date and duration of the activity carried out) - max 5 points;
- Research project (which will be evaluated on the basis of scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD): up to 25 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 and goals): up to 25 points;

Language competence: English language. For foreign candidates, knowledge of Italian language will also be evaluated.

Interview Date:

July 15, 2026 at. 09:00 AM (Italian time) eventually continuing on July 16, 2026, depending on the number of candidates participating to the interview.

The interview will be carried out by videoconference and in English.



PhD in Intelligence Systems for Business Administration (ISBA)
Coordinator: Prof. Silvio Vismara

Scientific Areas:

- 1 - Mathematics and informatics
- 11 - History, philosophy, pedagogy and psychology
- 13 - Economics and statistics

Duration	Positions	Positions covered by scholarships	Positions with no scholarships
3 years	5	4	1

Scholarships:

- No. 2 financed by the University of Bergamo
- No. 2 financed by Scuola IMT Alti Studi Lucca

Positions with no scholarship: No. 1

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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

Types of evaluable titles:

Evaluation of qualifications (up to 60 points):

- curriculum studiorum: up to 30 points;
- Research project (which will be evaluated on the basis of scientific value, originality and articulation of the proposal, coherence with doctoral research topics): up to 30 points;

Interview (up to 30 points):

- knowledge of English and, for foreign students, also of Italian: up to 5 points
- discussion of the research project (evaluation of the candidate's ability to convincingly argue premises and objectives of the project): up to 15 points;
- breadth of knowledge demonstrated in the subjects covered by the doctoral course: up to 10 points.

Language competence: English language. For foreign applicants, knowledge of the Italian language will also be evaluated.

Interview Date:

06/07/2026 h. 09:30 a.m. (CET) with possible continuation in the following days, depending on the number of candidates participating in the interview.

The interview will be conducted by videoconference at this link:

<https://meet.google.com/chq-tjrz-wtn>



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	8	6	2

Scholarships:

- N. 4 financed by the University,
- N. 1 financed 50% by the University and 50% by Comune di Chiuro, for the following research topic:

1	Project title: Archaeobotanical investigations in Valtellina: reconstruction of historical crops and the ancient landscape
	Reference Professor: Prof. Riccardo Rao

- N. 1 financed 50% by the University and 50% by Parco Adda Nord, for the following research topic:

1	Project title: Landscape, natural and cultural heritage, spatial planning, and relationships with local communities: Parco Adda Nord between local dynamics and global challenges
	Reference Professor: Prof.ssa Alessandra Ghisalberti

Positions with no scholarship: No. 2

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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 100/110. 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 100/110;



- 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 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, according to the PhD program's strategic lines): up to 20 marks;
- relevance of demonstrated knowledge in the field of curricular subjects forming doctorate objectives, according to the PhD program's strategic lines): 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:

07/03/2025 at 9:00 AM (Italian time) eventually continuing on 07/06/2025 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.



PhD in MANAGEMENT ACCOUNTING AND FINANCE
Coordinator: Prof. Sergio Ortobelli Lozza

Scientific Area: **13 - Economic sciences and statistics**
 14 - Political and social sciences

Duration	Positions	Positions covered by scholarships	Positions with no scholarships
3 anni	5	4	1

Scholarships:

No. 4 financed by the University

Positions with no scholarship:

- No. 1 position without scholarship

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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

Additional access requirements:

- Having obtained or being in the process of obtaining the last Master's Degree (or equivalent academic degree) within the 5 years prior to the date of the call for applications, with a Bachelor's Degree grade not less than 99/110. For undergraduates, the curricular average must not be less than 96/110.
- For candidates with a degree obtained abroad, if not in possession of the Diploma Supplement (only for students who obtained their university degree in EU countries), the Declaration of Value in loco issued by the competent Italian diplomatic authority in the state where the degree was obtained must be produced.

Modality of selection

Assessment of qualifications and interview.

Types of evaluable titles:

Evaluation of qualifications (up to 60 points):

- curriculum studiorum: up to 20 points;
- Research project (which will be evaluated on the basis of scientific value, originality and articulation of the proposal, coherence with doctoral research topics): up to 40 points;

Interview (up to 30 points):

- knowledge of English and, for foreign students, also of Italian: up to 5 points
- discussion of the research project (evaluation of the candidate's ability to convincingly argue premises and objectives of the project): up to 15 points;



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- breadth of knowledge demonstrated in the subjects covered by the doctoral course: up to 10 points.

Language competence: English language. For foreign applicants, knowledge of the Italian language will also be evaluated.

Interview Date:

02/07/2026 h. 9:00 a.m. (Italian time) with possible continuation in the following days, depending on the number of candidates participating in the interview.

The interview will be conducted by videoconference at the link:

<https://teams.microsoft.com/meet/331176690572148?p=uEMXRk2gYkQdG7IHVA>



PhD in MANUFACTURING ECOSYSTEMS ENABLED BY INTELLIGENT TECHNOLOGIES

Coordinator: *Prof. Claudio Giardini*

Scientific Area: 09 - Industrial and Information Engineering

Curricula:

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	6	5	1

Scholarships:

- No. 1 financed by the University;
- No. 1 co-financed by **Intellimech** for the following research topic:

1	Project title: Methodologies for coupled simulations of mechatronic systems
	Reference Professor: Prof. Roberto Pinto

- No. 1 co-financed by **Confindustria Bergamo** for the following research topic:

1	Project title: Downstream Space models, applications and adoption pathways for the industrial competitiveness of the Bergamo manufacturing system
	Reference Professor: Prof.ssa Giuditta Pezzotta

- No. 1 co-financed by **Fassi Group** for the following research topic:

1	Project title: LIFT-INT - Intelligent systems shaping the future of lifting technologies
	Reference Professor: Prof. Claudio Giardini

- No. 1 co-financed by **STIIMA-CNR** for the following research topic:

1	Project title: Reliable generative AI systems for high-stake decision making
	Reference Professor: Prof. Angelo Gargantini

Positions with no scholarship: No. 1

Access requirement:

Possession, by 31 October 2026, of a degree obtained under the regulations in force prior to the entry into force of Ministerial Decree (D.M.) 509/1999, or a Specialist Degree (D.M. 509/1999), or a Master's Degree (D.M. 270/2004) in one of the following degree classes:

- LM-20 – Master's Degree in Aerospace and Astronautical Engineering
- LM-21 – Master's Degree in Biomedical Engineering
- LM-25 – Master's Degree in Automation Engineering
- LM-26 – Master's Degree in Safety Engineering
- LM-27 – Master's Degree in Telecommunications Engineering
- LM-28 – Master's Degree in Electrical Engineering



- LM-29 – Master’s Degree in Electronic Engineering
- LM-30 – Master’s Degree in Energy and Nuclear Engineering
- LM-31 – Master’s Degree in Management Engineering
- LM-32 – Master’s Degree in Computer Engineering
- LM-33 – Master’s Degree in Mechanical Engineering
- LM-44 – Master’s Degree in Mathematical-Physical Modelling for Engineering
- LM-53 – Master’s Degree in Materials Engineering

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026

In the case of a qualification obtained abroad, the eligibility requirement will be assessed by the selection committee.

Modality of selection

Assessment of qualifications and interview.

Type of estimable qualifications

Qualification assessments (up to 60 points):

- curriculum studiorum and exams taken during the Bachelor’s/Master’s (or equivalent degrees under the system prior to D.M. 509/1999), with particular reference to subjects relevant to the PhD program – max 20 points;
- two reference letters (max 2 pages) from Italian or international academics – max 10 points;
- additional qualifications and research activities, normalized per year from the date of obtaining the Master’s degree (if applicable), including publications in international journals, postgraduate specialization diplomas and advanced courses, summer schools, participation in research projects, positions as research fellow or research assistant, research contracts, scholarships, and roles in national or international universities and research institutions (all qualifications must be properly documented, including start date and duration) – max 5 points;
- motivation letter (max 2 pages) and research proposal (max 5 pages), which will be evaluated based on the scientific value, originality and structure of the proposal, and its consistency with the research topics of the PhD program: max 25 points.

Interview (up to 30 points):

- knowledge of the English language and, for international applicants, also of the Italian language: max 5 points;
- discussion of the research proposal (assessment of the candidate’s ability to convincingly present the premises and objectives of the project; evaluation of the candidate’s aptitude for scientific research): max 25 points.

Linguistic competence: A B2 level (or equivalent) of proficiency in English is required; for international applicants, knowledge of the Italian language is also required.

Interview date:

02/07/2026 at 10:00 (Italian time), with a possible continuation on 03/07/2026 at 14:00 (Italian time), depending on the number of candidates attending the interview.

The interview will be conducted online in Italian, with assessment of the candidate’s knowledge of the English language.



PhD in LEGAL STUDIES

Coordinator: prof. Antonio Banfi

Scientific Area: 12 – Scienze giuridiche

Curricula:

- People, rules, institutions in the national and supranational dimensions
- Enterprise law

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	5	4	1

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 1

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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

Additional access requirements:

- Having obtained or being in the process of obtaining the last Master's Degree (or equivalent academic degree) within the 5 years prior to the date of the call for applications, with a Bachelor's Degree grade not less than 105/110. For undergraduates, the curricular average must not be less than 100/110.
- Certification of the B2 level of Italian for candidates with a degree obtained abroad;
- For candidates with a degree obtained abroad, if not in possession of the Diploma Supplement (only for students who have obtained their university degree in EU countries), the Dichiarazione di Valore in loco issued by the competent Italian diplomatic authority in the state where the degree was obtained must be produced.

Types of evaluable titles:

Evaluation of qualifications (up to 60 points):

- curriculum studiorum: up to 20 points;
- Research project (which will be evaluated on the basis of scientific value, originality and articulation of the proposal, coherence with doctoral research topics): up to 40 points;

Interview (up to 30 points):

- knowledge of English and, for foreign students, also of Italian: up to 5 points
- discussion of the research project (evaluation of the candidate's ability to convincingly argue premises and objectives of the project): up to 15 points;



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- breadth of knowledge demonstrated in the subjects covered by the doctoral course: up to 10 points.

Language competence: English language. For foreign applicants, knowledge of the Italian language will also be evaluated.

Interview date:

The interview will be conducted by videoconference, and in Italian language.

The date shall be published on the University website at <https://www.unibg.it/node/19538> by the application deadline and shall constitute official notice for all purposes.



PhD in HUMAN AND SOCIAL SCIENCES

Coordinator: Professor Andrea Greco

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

Curricula:

- *Mind and body for the generativity of psychosocial well-being*
- *Educational, didactic and training theory and research in the human and social sciences*
- *Roots and transformations of the human and social sciences*

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	5	4	1

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 1

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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.



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Linguistic competence

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

Interview date:

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

The date shall be published on the University website at <https://www.unibg.it/node/19538> by the application deadline and shall constitute official notice for all purposes.



PHD in PHILOLOGICAL AND LINGUISTIC STUDIES ON ORAL AND WRITTEN RECORDS

Coordinator: Prof. Adam Noel Ledgeway

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	5	4	1

Scholarships:

No. 4 financed by the University

Positions with no scholarship: no. 1

Access requirement:

Possession, by 31 October 2026, 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-15 Filologia, letterature e storia dell'antichità
- LM-19 Informazione e sistemi editoriali
- LM-36 Lingue e letterature dell'Africa e dell'Asia
- 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-81 Scienze per la cooperazione allo sviluppo
- LM-84 Scienze storiche
- LM-92 Teorie della comunicazione
- LM-94 Traduzione specialistica e interpretariato

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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;
- 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:

07/07/2026 at 13:00 (Italian time) eventually continuing on 08/07/2026 at 09:00 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.



PhD in TRANSCULTURAL STUDIES IN HUMANITIES

Coordinator: *Prof.ssa Michela Gardini*

**Scientific Area: 10 - Antiquities, philology, literary studies, art history
11 - History, philosophy, pedagogy and psychology**

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	8	6	2

Scholarships:

- n. 4 financed by the University
- n. 2 financed on the project FIS JAVISar (Jihadism Archives: Visual and Intermedia Strategies Against Radicalization) as set out in Appendix 1 to this Annex.

Positions with no scholarship: n. 2

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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;
- a language certification (CEFR, at least B2 level or above) in English, French, Spanish or German not older than five years at the date of publication of the call. In alternative, the candidate must have:
 - obtained a Bachelor's Degree in the classes (Italian Ministerial field of study codes) L-11 or L-12;
 - obtained a Master's Degree in the classes (Italian Ministerial field of study codes) LM-37 or LM-38;
 - passed (with grade or suitability) in any master's degree course a curricular exam in English, French, Spanish or German at least at level B2 of the CEFR;
- 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 submit a certified translation of the degree certificate with the correspondence of



the degree mark in one-hundred cents and a certification of knowledge of the Italian language (CEFR, B2 level or above; for instance CELI3).

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 also 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 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):

- Knowledge of at least one European foreign language (English, French, Spanish, German); in the case of candidates who are not Italian mother tongue also the knowledge of Italian language will be tested: up to 5 marks;
- 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 field of curricular subjects forming doctorate objectives: up to 10 marks.

Linguistic competence

During the interview, candidates must demonstrate their knowledge of one European foreign language (English, French, Spanish, German); candidates who are not Italian mother tongue will be required to also demonstrate the knowledge of Italian language.

Interview date:

The interview will be carried out in person and in Italian. The interview may take place in videoconference only in the case of candidates residing abroad.

The date shall be published on the University website at <https://www.unibg.it/node/19538> by the application deadline and shall constitute official notice for all purposes



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 years	6	5	1

Borse di studio:

- N. 4 financed by the University,
- N. 1 financed 50% by the University and 50% by the Pietro Zappa ETS Foundation, for the following research topic:

1	Project title: Chemical Upcycling of Waste Materials for Sustainable Environmental Applications
	Advisor: Prof. Isabella Natali Sora

Positions with no scholarship: No 1

Access requirement:

Possession, by 31 October 2026, 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
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)

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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*, also in relation to the years elapsed since the last qualification obtained: up to 35 points;
- *research project* (which will be evaluated based on the scientific value, originality, and articulation of the proposal, coherence with the research themes of the doctorate; the model for the drafting of the research project can be downloaded from the following [link](#)): up to 20 points;
- *other qualifications*, publications, reference letters from Italian or foreign academics: up to 5 points.



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Interview (up to 30 marks):

- verification of possession of basic knowledge and skills in relation to the research project presented and discussion of the research project (evaluation of the candidate's ability to convincingly argue the premises, objectives, tools, and methods of the project): up to 30 points

Linguistic competence: English language.

Interview date:

13/07/2026 h. 9:00 (Italian time), possibly continuing on 14/07/2026 h. 9:00 (Italian time), depending on the number of candidates participating in the interview. The interview may be conducted via video conference. The interview will be held in English.



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	10	8	2

Scholarships:

- N. 4 financed by the University
- N. 3 financed by Università degli Studi di Napoli Federico II
- N. 1 financed by FLAI srl

1	Project title: AI-Driven Advanced Computational Methods for Transport Planning Applications
	Reference Professor: Prof. Paolo Malighetti

Positions with no scholarship: N. 2

Contracted structures: Università degli Studi di Napoli Federico II

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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.

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:

07/07/2026 at 09:00 hours (Italian time) eventually continuing on 08/07/2026 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)
Documento firmato digitalmente ai sensi
dell'art. 24 del D. Lgs. 82/2005



Appendix 1 Attachment A to Announcement PhD XLII round

PhD in TRANSCULTURAL STUDIES IN HUMANITIES

Coordinator: *Prof.ssa Michela Gardini*

**Scientific Area: 10 - Antiquities, philology, literary studies, art history
11 - History, philosophy, pedagogy and psychology**

N. 2 scholarships financed by Fondo italiano per la scienza – Bando FIS 3

Project name: FIS JAVISar (Jihadism Archives: Visual and Intermedia Strategies Against Radicalization)

Project: PREV G_25_RN_MIUR_AL_JAVISAR_01

CUP: F53C25001220001

Start date	Duration	Positions covered by scholarships	Annual scholarship amount	Annual budget for research activities
1/11/2026	3 years	2	€ 19.021,08*	€ 1.902,00

* gross of social security contributions payable by the recipient under current legislation, paid in monthly instalments. The amount may be increased by up to 50% for periods of actual stay abroad, lasting no less than 6 months and no more than 18 months, subject to prior authorisation by the PhD Programme Board to carry out research activities abroad.

- **Scholarship 1 FIS**
 - Project title: Representations of jihadism in contemporary visual culture: cinema, tv, digital media
 - Reference Professor: prof. Giuseppe Previtali
- **Scholarship 2 FIS**
 - Project title: Narratives of Contemporary Jihadism: between Literature and Archival Sources in Arabic
 - Reference Professor: prof. Martina Censi

Access requirement:

Possession, by 31 October 2026, of an academic 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).

For foreign candidates requiring an entry visa for study purposes, the qualification required for admission must be obtained by 31 August 2026.

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;



- a language certification (CEFR, at least B2 level or above) in English, French, Spanish or German not older than five years at the date of publication of the call. In alternative, the candidate must have:
 - obtained a Bachelor's Degree in the classes (Italian Ministerial field of study codes) L-11 or L-12;
 - obtained a Master's Degree in the classes (Italian Ministerial field of study codes) LM-37 or LM-38;
 - passed (with grade or suitability) in any master's degree course a curricular exam in English, French, Spanish or German at least at level B2 of the CEFR;
- 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 submit a certified translation of the degree certificate with the correspondence of the degree mark in one-hundred cents and a certification of knowledge of the Italian language (CEFR, B2 level or above; for instance CELI3).

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 also 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 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):

- Knowledge of at least one European foreign language (English, French, Spanish, German); in the case of candidates who are not Italian mother tongue also the knowledge of Italian language will be tested: up to 5 marks;
- 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 field of curricular subjects forming doctorate objectives: up to 10 marks.

Linguistic competence

During the interview, candidates must demonstrate their knowledge of one European foreign language (English, French, Spanish, German); candidates who are not Italian mother tongue will be required to also demonstrate the knowledge of Italian language.

Interview date:

The interview will be carried out in person and in Italian. The interview may take place in videoconference only in the case of candidates residing abroad.

The date shall be published on the University website at <https://www.unibg.it/node/19538> by the application deadline and shall constitute official notice for all purposes.