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Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

Attachment A to Announcement PhD XXXIX round

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	6	5	1

Borse di studio:

- No. 2 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Evaluation of public policies for security and crime
	Reference Professor: Paolo Buonanno

2	Project title: Conditional cooperation as a social norm to promote sustainable behavior
	Reference Professor: Francesco Fallucchi

- No. 2 financed by Ministerial Decree 118/2023 for the following Public Administration research topics:

1	Project title: Automation and AI: opportunities and challenges for individuals, firms and the public administration
	Affiliated Institution: Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa dell'Università degli Studi di Milano-Bicocca
	Reference Professor: Alessandra Bonfiglioli

2	Project title: Designing and assessing the effectiveness of public policies for financial literacy
	Affiliated Institution: Dipartimento tutela della clientela ed educazione finanziaria, Banca d'Italia
	Reference Professor: Annalisa Cristini

- N. 1 financed under the PNRR (National Recovery and Resilience Plan) Project, for Mission 4, Component 2 (Notice D. D. 3138 dated 12/16/2021 corrected by D.D. 3175 dated 12/18/2021) Title: "CENTRO NAZIONALE - Sustainable Mobility Center (CNMS)" CUP F13C22000690001

1	Project title: Welfare effects and economic-environmental sustainability of air transportation
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 1 - Air Mobility)
	Reference Professor: Davide Scotti

Positions with no scholarship no. 1



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Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, 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.

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 35 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 15 points;
- Letters of introduction of the candidate from university professors: up to 10 points.

Interview (up to 30 marks):

- 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:

26/06/2023 h. 14:00 (Italian time) with possible continuation on 27/06/2023, 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: 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	14	12	2

Borse di studio:

- N. 4 financed by the University
- N. 2 financed by the Istituto di Ricerche Farmacologiche Mario Negri IRCCS
- N. 1 financed by Ministerial Decree 118/2023 for the following Public Administration research topics

1	Project title: Development of digital rehabilitation platforms for fragile patients
	Affiliated Institution: Istituto Clinico Quarenghi
	Reference Professor: Daniele Regazzoni

- N. 5 financed under the project "ANTHEM (AdvaNced Technologies for Human-centrEd Medicine)":

1	Project title: Development of models for patient-specific decision making based on machine learning
	Field: Spoke 1 - Data and technology driven diagnosis and therapies
	Reference Professor: Andrea Remuzzi

2	Project title: Development of a patient digital twin for proximity medicine
	Field: Spoke 2 Connecting patients and therapists through adaptive environments and intelligent sensors to enhance proximity medicine
	Reference Professor: Caterina Rizzi

3	Project title: Sociology of technological change in health and medicine
	Field: Spoke 1 - Data and technology driven diagnosis and therapies - Spoke 2 Connecting patients and therapists through adaptive environments and intelligent sensors to enhance proximity medicine
	Reference Professor: Roberto Lusardi

4	Project title: Intelligent Artificial Pancreas for Blood-Glucose regulation in Type 1 Diabetes Mellitus Pediatric Patients
	Field: Spoke 1 - Data and technology driven diagnosis and therapies
	Reference Professor: Antonio Ferramosca

5	Project title: The development of decision-making and analytical models for emergency medical services
	Field: Spoke 1 – Data and technology driven diagnosis and therapies
	Reference Professor: Mattia Cattaneo

Positions with no scholarship no. 2

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, of one of the following master's degrees or corresponding degree obtained under the previous regulations:

- LMG/01 – Classe delle lauree magistrali in Giurisprudenza
- LM-06 – Classe delle lauree magistrali in Biologia
- LM-09 – Classe delle lauree magistrali in Biotecnologie mediche, veterinarie e farmaceutiche
- LM-13 – Classe delle lauree magistrali in Farmacia e farmacia industriale
- LM-21 – Classe delle lauree magistrali in Ingegneria Biomedica
- LM-25 – Classe delle lauree magistrali in Ingegneria dell'automazione
- LM-29 – Classe delle lauree magistrali in Ingegneria elettronica
- LM-31 – Classe delle lauree magistrali in Ingegneria Gestionale
- LM-32 – Classe delle lauree magistrali in Ingegneria Informatica
- LM-33 – Classe delle lauree magistrali in Ingegneria Meccanica
- LM-40 – Classe delle lauree magistrali in Matematica
- LM-51 – Classe delle lauree magistrali in Psicologia
- LM-56 – Classe delle lauree magistrali in Scienze dell'economia
- LM-68 – Classe delle lauree magistrali in Scienze e Tecniche dello sport
- LM-77 – Classe delle lauree magistrali in Scienze economico-aziendali
- LM-82 – Classe delle lauree magistrali in Scienze Statistiche
- LM-85 – Classe delle lauree magistrali in Scienze pedagogiche
- LM-88 – Classe delle Lauree magistrali in sociologia

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

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



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Colloquio (fino a 30 punti):

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:

27/06/2023 at 9.00 a.m. (Italian time) eventually continuing on 28/06/2023, depending on the number of candidates participating to the interview.

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



PHD in ENGINEERING AND APPLIED SCIENCES

Coordinator: Prof.ssa Alessandra Marini

Scientific Area: **01 - Mathematics and informatics**
03 - Chemistry
08 - Civil engineering and architecture
09 - Industrial and information engineering
13 - Economics and statistics

Curricula:

- *Technologies for Energy and Environment*
- *Technologies for the conservation, protection, restoration and environmental sustainability*
- *Technologies for computer science, automation and electronics*
- *Applied mathematics and statistics*

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	14	11	3

Scholarships:

- No. 4 financed by the University, one of which will be 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.
- No. 1 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Assessment, monitoring and prediction of the impact of climate change in Lombardy using spatio-temporal statistical models
	Reference Professor: Francesco Finazzi

- No. 1 financed by Ministerial Decree 118/2023 for the following digital and environmental transitions research topics:

1	Project title: Development of a digital model for assessing sustainability and resilience along the life cycle of buildings
	Affiliated Institution: Green Building Council - GBC
	Reference Professor: Chiara Passoni and Elisabetta Palumbo

- N. 2 financed under the "ANTHEM (AdvaNced Technologies for Human-centrEd Medicine)" project:

1	Project title: Multiscale microtomography with a laboratory X-ray source applied to medical diagnostics
	Field: Spoke 1 - Data and technology driven diagnosis and therapies
	Reference Professor: Maurizio Santini

2	Project title: Wearable and transdermal sensors for remote monitoring of chronic and frail patients
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	Field: Spoke 2 Connecting patients and therapists through adaptive environments and intelligent sensors to enhance proximity medicine
	Reference Professor: Valerio Re

- No. 1 funded under the National Recovery and Resilience Plan (PNRR) Project, for Mission 4, Component 2 (Notice D. D. 341 of 03/15/2022) EXTENDED PARTNERSHIPS - Title "GROWING RESILIENT INCLUSIVE AND SUSTAINABLE (GRINS)" - CUP F83C22001720001:

1	Project title: Geostatic harmonization of heterogeneous datasets and integration into the AMELIA data platform
	Field: PNRR project - area 9 of the extended partnership - Economic and financial sustainability of systems and territories - Project GRINS - Spoke 0: "Data platform and knowledge transfer";
	Reference professor: Alessandro Fassò

- N. 1 financed under the PNRR (National Recovery and Resilience Plan) Project, for Mission 4, Component 2 (Notice D. D. 3138 dated 12/16/2021 corrected by D.D. 3175 dated 12/18/2021) Title: "CENTRO NAZIONALE - Sustainable Mobility Center (CNMS)" CUP F13C22000690001

1	Project title: Development and characterization of wearable sensors for wireless monitoring of physiological parameters to support active mobility
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 5 - Light and active mobility
	Reference professor: Luigi Gaioni

- N. 1 financed by ENEA to carry out the following research topic:

1	Project title: Development and implementation of graphene-based anticorrosive coatings for hydrogen transport networks
	Reference professor: Marina Cabrini

Positions with no scholarship

- No. 2 positions without scholarship
- No. 1 position without scholarship reserved for employees of Diapath S.p.A. to carry out the topic below:

1	Project title: Technological innovations in the study of diffusion in histological specimens by X-ray microCT for medical diagnostic applications
	Reference professor: Maurizio Santini

In case a suitable profile is not found among Diapath S.p.A. employees, the position will be made available as a non-reserved position

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, of one of the following master's degrees or corresponding degree obtained under the previous regulations:



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LM-3 Architettura del paesaggio
LM-4 Architettura e ingegneria edile-architettura
LM-4 c.u. Architettura e ingegneria edile-architettura (quinquennale)
LM-17 Fisica
LM-18 Informatica
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- 56 Scienze dell'economia
LM-66 Sicurezza informatica
LM-71 Scienze e tecnologie della chimica industriale
LM-75 Scienze e tecnologie per l'ambiente e il territorio
LM-82 Scienze statistiche
LM-91 Tecniche e metodi per la società dell'informazione
3/S (specialistiche in architettura del paesaggio)
4/S (specialistiche in architettura e ingegneria edile)
20/S (specialistiche in fisica)
23/S (specialistiche in informatica)
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)



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62/S (specialistiche in scienze chimiche)
64/S (specialistiche in scienze dell'economia)
81/S (specialistiche in scienze e tecnologie della chimica industriale)
82/S (specialistiche in scienze e tecnologie per l'ambiente e il territorio)
83/S (specialistiche in scienze economiche per l'ambiente e la cultura)

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

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): 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 and goals): up to 25 marks;

Interview date:

06/28/2023 at 09:00 a.m. (Italian time) eventually continuing on 06/29/2023 at 9:00 a.m. (Italian 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 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 years	5	4	1

Scholarships:

- No. 1 financed by the University
- No. 1 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Efficient financial systems for sustainable development and transition
	Reference Professor: Prof. Laura Viganò

- No. 1 financed by Ministerial Decree 118/2023 for the following Public Administration research topics

1	Project title: Strategies, measurement, and reporting for gender equality in public administration
	Affiliated Institution: Comune di Bergamo
	Reference Professor: Prof. Giovanna Galizzi

- No. 1 financed by Ministerial Decree 118/2023 for the following digital and environmental transitions research topics:

1	Project title: Business Model Innovation and Artificial Intelligence
	Affiliated Institution: Confindustria Bergamo
	Reference Professor: Prof. Daniela Andreini e Prof. Alessandro Danovi

Positions with no scholarships: n. 1

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, 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:

- 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;



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- 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.

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;
- 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:

27/06/2023 h. 9.00 a.m. (Italian time) with possible continuation, depending on the number of candidates participating in the interview, in the afternoon of the same day.
The interview will be conducted by videoconference, in Italian language.



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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	8	6	2

Scholarships:

- No. 4 financed by the University;
- No. 1 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Design and development of digital therapies aimed at training the mental aspects that allow people to stay healthy
	Reference Professor: Angelo Compare

- No. 1 financed by Ministerial Decree 118/2023 for the following Public Administration research topics:

1	Project title: Early school leaving and the dispersion of data on early school leaving
	Affiliated Institution: Comune di Bergamo
	Reference Professor: Marco Lazzari

Positions with no scholarship:

- No. 1 position without scholarship
- No. 1 position without scholarship reserved for employees of ABF Azienda Bergamasca Formazione to carry out the topic "Educational and teaching models and strategies from the training practices of Azienda Bergamasca Formazione"
In case a suitable profile is not found among ABF Azienda Bergamasca Formazione employees, the position will be made available as a non-reserved position

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, 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

Type of estimable qualifications

Università degli studi di Bergamo
Scuola di alta formazione dottorale - PhD School
Via dei Caniana 2, 24127 Bergamo
phd-school@unibg.it
T. 035 20.52.253/250/286



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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.

Interview date:

28/06/2023 at 10:00 am (Italian time) eventually continuing on 29/06/2023 at 10:00 am (Italian time) depending on the number of candidates participating to the interview.

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

The interview may be held partly in English.



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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 scholarships
3 years	5	4	1

Scholarships:

- No. 2 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: <i>Digital Taxes, Pillar 1</i> and the new framework for business taxation in the European Union
	Reference Professor: Gianluigi Bizioli

2	Project title: Strategies for sustainable success in business and accountability to stakeholders
	Reference Professor: Enrico Ginevra

- No. 2 financed by Ministerial Decree 118/2023 for the following Public Administration research topics

1	Project title: The system of corruption prevention in public entities and public bodies and the relationship with the organizational model under Legislative Decree No. 231/2001
	Ente convenzionato: Uniacque S.p.a.
	Reference Professor: Remo Morzenti Pellegrini

2	Project title: Tools for innovation, simplification, digitization and acceleration in the recent public contracting discipline with a view to achieving the result
	Ente convenzionato: Comune di Bergamo
	Reference Professor: Remo Morzenti Pellegrini

Positions with no scholarships: n. 1

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, 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.



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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;
- 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.

Data colloquio:

26/06/2023 h. 9.30 a.m. (Italian time), with possible continuation on 27/06/2023, depending on the number of candidates participating in the interview.

The interview will be conducted in presence, and in Italian language.



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Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

PhD in PHILOLOGICAL AND LINGUISTIC STUDIES ON ORAL AND WRITTEN RECORDS
Coordinator: 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	5	1

Scholarships:

- No. 1 financed by the University
- No. 2 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Analysis and valorisation of the medieval documentary heritage in Italy from a philological perspective
	Reference Professor: Nicola Morato

2	Project title: Valorisation of the linguistic and cultural diversity of contemporary Italy
	Reference Professor: Barbara Turchetta

- No. 1 financed by Ministerial Decree 118/2023 for the following Cultural heritage research topics:

1	Project title: Digital transition of medieval notarial acts preserved in the State Archives of Bergamo
	Affiliated Institution: Sovrintendenza ai Beni Archivistici e Bibliotecari della Regione Lombardia
	Reference Professor: Piera Molinelli

- N. 1 financed under the "ANTHEM (AdvaNced Technologies for Human-centrEd Medicine)" project:

1	Project title: Digital Triage in Arabic language: intercultural perspectives
	Field: Spoke 1 - Data and technology driven diagnosis and therapies
	Reference Professor: Lucia Avallone

Positions with no scholarship: no. 1

Modality of selection

Assessment of qualifications and interview

Access requirement:

Possession, by Oct. 31, 2023, of one of the following master's degrees or corresponding degree obtained under the previous regulations:

LM-5 Archivistica e biblioteconomia

Università degli studi di Bergamo
Scuola di alta formazione dottorale - PhD School
Via dei Caniana 2, 24127 Bergamo
phd-school@unibg.it
T. 035 20.52.253/250/286



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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-48 Pianificazione territoriale urbanistica e ambientale
LM-49 Progettazione e gestione dei sistemi turistici
LM-80 Scienze geografiche
LM-92 Teorie della comunicazione

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

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 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:

28/06/2023 at 11.30 a.m. (Italian time) eventually continuing on 29/06/2023 depending on the number of candidates participating to the interview.

The interview will be carried out in person and in Italian language. Candidates will be partly interviewed in English.



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PhD in STUDI UMANISTICI TRANSCULTURALI

Coordinator: Prof. Raul Calzoni

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

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

Scholarships:

- No. 2 financed by the University
- No. 2 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: Digital-Tasso. Torquato Tasso's Fortune in Europe and Digitalisation of Library Funds at the Biblioteca Angelo Mai in Bergamo
	Reference Professor: Prof. Luca Bani

1	Project title: Ecocriticism and Resilient Natural Landscapes in Twentieth-Century's European Poetry
	Reference Professor: Prof.ssa Amelia Valtolina

- No. 1 financed by Ministerial Decree 118/2023 for the following Public Administration research topics:

1	Project title: New Geographies and New Emerging Areas for Territorial Strategic Development in the Province of Bergamo
	Affiliated Institution: Provincia di Bergamo - Servizio Turismo, Cultura, Sviluppo territoriale, pari opportunità e Ufficio Europa
	Reference Professor: Prof. Federica Burini

- No. 1 financed by Ministerial Decree 118/2023 for the following Cultural heritage research topics:

1	Project title: Studying and Enhancing the Medieval Historical Architecture of the Sondrio Territory
	Affiliated Institution: Comunità Montana Valtellina di Sondrio
	Reference Professor: Prof. Riccardo Rao

Positions with no scholarship: 2

Access requirement:

Possession, by Oct. 31, 2023, 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.



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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 or a Master's Degree in the classes (Italian Ministerial field of study codes) LM-37 or LM-38;
- 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 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);
- grade of master's degree or equivalent qualification: 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.



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Interview date:

June, 26th 2023 at 09:00 AM (Italy time) eventually continuing on June, 27th 2023 at 09:00 AM (Italy time) depending on the number of candidates participating in the interview.

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.



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PhD in TECHNOLOGY, INNOVATION AND MANAGEMENT (TIM)

Coordinator: Prof. Renato Redondi

Scientific Area: 09 - Industrial and information engineering

Duration	Positions	Positions covered by scholarships	Positions with no scholarship
3 years	10	8	2

Scholarships:

- No. 1 financed by the University;
- No. 3 financed by the Università degli studi di Napoli Federico II
- No. 1 financed by Ministerial Decree 118/2023 for the following PNRR research topics:

1	Project title: The Role of Universities in promoting the transition to Environmental Sustainability
	Reference Professor: Prof. Michele Meoli

- No. 1 financed by Ministerial Decree 118/2023 for the following digital and environmental transitions research topics:

1	Project title: Knowledge-based innovation in the age of artificial intelligence
	Affiliated Institution: Warrant Hub S.p.A
	Reference Professor: Prof. Davide Russo

- N. 2 financed under the PNRR (National Recovery and Resilience Plan) Project, for Mission 4, Component 2 (Notice D. D. 3138 dated 12/16/2021 corrected by D.D. 3175 dated 12/18/2021) Title: "CENTRO NAZIONALE - Sustainable Mobility Center (CNMS)" CUP F13C22000690001

1	Project title: Optimization models under uncertainty for planning and location-routing of electric cargo bikes
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 5 - Light and active mobility
	Reference professor: Francesca Maggioni

2	Project title: Development of methods and tools for the innovative design of the new concept of sustainable mobility.
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 5 - Light and active mobility
	Reference professor: Daniele Landi

Positions with no scholarship: 2

Contracted structures: University of Naples "Federico II"

Modality of selection

Assessment of qualifications and interview

Access requirement:

Università degli studi di Bergamo
Scuola di alta formazione dottorale - PhD School
Via dei Caniana 2, 24127 Bergamo
phd-school@unibg.it
T. 035 20.52.253/250/286



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Possession, by Oct. 31, 2023, 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.

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:

29/06/2023 at 09:00 a.m. (Italian time) eventually continuing on 30/06/2023 at 09:00 a.m. (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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