



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Scuola
di alta formazione
dottorale

Attachment A to Announcement PhD XLI 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
- Participatory development of AI models, methods and applications

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

Scholarships:

- No. 5 financed by the Università degli studi di Bergamo;
- No. 1 financed by Treesse Progetti Srl for the following research topic:

1	Project title: Data-Driven Optimization and Artificial Intelligence for Smart Energy Storage Systems
	Reference Professor: Prof. Francesca Maggioni

- No. 2 financed by ASST Papa Giovanni XXIII for the following research topics:

1	Project title: Data Science for the Management of Heterogeneous and Large-Scale Databases in Oncological Clinical Research
	Reference Professor: Prof. Antonio Ferramosca

2	Project title: Artificial Intelligence and Semantic Technologies for the Management and Valorization of Heterogeneous Clinical Data in Healthcare
	Reference Professor: Prof. Domenico Fabio Savo

Positions with no scholarship: No. 2

Access requirement:

Possession, by Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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



Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

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

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:

09/07/2025 at 09:00 hours (Italian time) eventually continuing on 10/07/2025 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.



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 Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 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:

07/07/2025 h. 10:00 (Italian time) with possible continuation on 08/07/2025, 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 funded by the University of Bergamo;
- N. 2 funded by Istituto di Ricerche Farmacologiche Mario Negri IRCCS for the following research topics:

1	Project Title: Novel computational and experimental strategies towards vascular disease prediction and prevention
	Reference Professor: Anna Caroli

2	Project Title: Impact of Patiromer treatment on health-related quality of life and nutrition in patients on Chronic Dialysis
	Reference Professor: Nadia Rubis

- N. 1 funded by ASST Papa Giovanni XXIII for the following research topic:

1	Project Title: Artificial Intelligence Models for Predictive and Prescriptive Clinical Decision Support in Oncology (Digital Therapeutics)
	Reference Professor: Antonio Ferramosca

Positions with no scholarship: 2.

Access requirement:

Possession, by Oct. 31, 2025, 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-19 – Classe delle lauree magistrali in Informazione e Sistemi Editoriali
- 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-41- Classe di laurea magistrale in Medicina e Chirurgia a ciclo unico
- 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.

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 16, 2025 at 09:00 AM (Italian time) eventually continuing on July 17, 2025, depending on the number of candidates participating to the interview.

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



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	5	4	1

Scholarships:

No. 4 financed by the University

Positions with no scholarship: No. 1

Access requirement:

Possession, by Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Additional access requirements:

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

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

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



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

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

Interview (up to 30 marks):

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

Linguistic competence:

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

Interview date:

07/04/2025 at 9:00 AM (Italian time) eventually continuing on 07/05/2025 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 reserved for employees of Studio Ghitti e Associati to carry out the topic below:

1	Project title: Intersection between sustainable finance and blockchain technology to optimize reporting processes related to ESG (Environmental, Social, Governance) criteria
	Reference professor: Silvio Vismara

In case a suitable profile is not found among Studio Ghitti e Associati employees, the position will be made available as a non-reserved position.

Access requirement:

Possession, by Oct. 31, 2025, 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 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;



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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:

09/07/2025 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



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 Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Modality of selection

Assessment of qualifications and interview

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.



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

Interview date:

14/07/2025 h. 09.30 a.m. (Italian time), with possible continuation on 15/07/2025, depending on the number of candidates participating in the interview.

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



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 Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Additional access requirements:

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

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- *curriculum studiorum*: up to 10 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.
- two reference letters from Italian or foreign academics: up to 5 points;
- motivational letter: up to 5 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 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:

14/07/2025 at 10:30 am (Italian time) eventually continuing on 15/07/2025 at 09:30 am (Italian time) depending on the number of candidates participating in the interview.

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



PhD in PHILOLOGICAL AND LINGUISTIC STUDIES ON ORAL AND WRITTEN RECORDS

Coordinator: Prof.ssa Maria Grazia Cammarota

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

Curricula:

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

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

Scholarships:

No.4 financed by the University

Positions with no scholarship: no. 1

Access requirement:

Possession, by Oct. 31, 2025, 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

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:

07/08/2025 at 10:00 am (Italian time) eventually continuing on 08/07/2025 at 10:00 am 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	5	4	1

Scholarships:

- No. 4 financed by the University

Positions with no scholarship: No. 1

Access requirement:

Possession, by Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Additional access requirements:

- A Master's degree or other fit international qualification. The final dissertation mark should be at least 105/110. For students who will be achieving the qualification required for admission after the deadline of the call, the average exams mark should be at least 105/110;
- 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 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:

09/07/2025 at 10:00 AM (Italy time) eventually continuing on 10/07/2025 at 10:00 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.



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 by Studio Ansaldo Energia Spa for the following research topic:

1	Project title: Heat exchange in turbomachinery
	Advisor: Prof.ssa Giovanna Barigozzi

Positions with no scholarship: No 1

Access requirement:

Possession, by Oct. 31, 2025, 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)

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.

Interview (up to 30 marks):



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- 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:

04/07/2025 h. 9:00 (Italian time), possibly continuing on 07/07/2025 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:

- No. 4 financed by the Università degli Studi di Bergamo;
- No. 3 financed by the University of Naples "Federico II"
- No. 1 financed by Intellimech for the following research topic:

1	Project title: Logistics 5.0: the new paradigms related to the management and technology revolution for sustainable advanced logistics
	Reference Professor: Prof. Alexandra Lagorio, Prof. Chiara Cimini

Positions with no scholarship: No. 2

Contracted structures: University of Naples "Federico II"

Access requirement:

Possession, by Oct. 31, 2025, of a bachelor's degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

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

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

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



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Interview (up to 30 marks):

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

Interview date:

14/07/2025 at 09:00 hours (Italian time) eventually continuing on 15/07/2025 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 Cavaliere)

Documento firmato digitalmente ai sensi
dell'art. 24 del D. Lgs. 82/2005