



Attachment A to Announcement PhD XXXVIII round

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	Annual amount scholarships	Annual amount for research activity
3 years	3	3	€ 19.021,08*	€ 1.900,00

* before social security contributions borne by the recipient in accordance with current laws, paid out in monthly instalments. The amount is increased by 50% per any period of actual stay abroad for no less than 6 month and no more than 18 months, subject to authorization of the Teaching Body to operate abroad.

Scholarships:

- No. 2 financed by Dipartimento dell'Ingegneria Gestionale, dell'Informazione e della Produzione
- No.1 funded by Dipartimento di Scienze Aziendali

1	Project title: Advanced and innovative materials for the next-generation lightweight mobility
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 5 - Light Vehicle and Active Mobility
	Reference Professor: Prof. Sergio Lorenzi
	Code project MALI_P_22_RN_MIUR_AL_CNMS_01, CUP F13C22000690001

2	Project title: Additive materials characterization and qualification for industrial applications in harsh environment
	Field: PNRR Project Partenariato Esteso in area 11 - Made in Italy - Spoke 6: Additive Manufacturing as disruptive enabler for the twin transition;
	Reference Professor: Prof. Tommaso Pastore
	Code project DURS_G_22_RN_MIUR_AL_3A-ITALY_01, CUP F13C22001230001

3	Project title: Geostatistical harmonization of heterogeneous datasets and integration for the data platform AMELIA
	Field: PNRR Project Partenariato Esteso in area 9 - Sostenibilità economico-finanziaria dei sistemi e dei territori - Spoke 0: Data platform and knowledge transfer;
	Supervisor: Prof. Alessandro Fassò
	Code project VISM_S_22_RN_MIUR_AL_GRINS_01, CUP F83C22001720001

Modality of selection

Assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- *curriculum studiorum*: up to 30 marks;
- research project (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program): 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:

12 January 2023 at 09:00 am (Rome time), eventually continuing 13 January, depending on the number of candidates participating to the interview.

The interview will be carried out either online or in person, depending on the Commission's judgment, and in Italian.

PhD in LINGUISTIC SCIENCES

Coordinator: Prof.ssa Maria Grazia Cammarota

Scientific Area: 10 - Antiquities, philology, literary studies, art history

Curricula:

- General, typological and historical linguistics, philological traditions
- Applied and computational linguistics and linguistics of modern languages;
- Sociolinguistic and pragmatics

Duration	Positions	Positions covered by scholarships	Annual amount scholarships	Annual amount for research activity
3 years	1	1	€ 19.021,08*	€ 1.900,00

* before social security contributions borne by the recipient in accordance with current laws, paid out in monthly instalments. The amount is increased by 50% per any period of actual stay abroad for no less than 6 month and no more than 18 months, subject to authorization of the Teaching Body to operate abroad.

Scholarships:

- No. 1 financed by Dipartimento di Lettere, Filosofia Comunicazione:

1	Project title: Enhancing linguistic and cultural diversity
	Field: PNRR Project Partenariato Esteso PE5 "CHANGES" - Spoke 3 Digital Libraries, archives and philology
	Reference Professor: Prof.ssa Piera Molinelli
	Code project MOLI_P_22_RN_MIUR_AL_CHANGES_01 - CUP F53C22000700006.

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.

Interview date:

12 January 2023 at 10:00 hours (Italian time) eventually continuing on 13 January, depending on the number of candidates participating to the interview.

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

PhD in TECHNOLOGY, INNOVATION AND MANAGEMENT (TIM)

Coordinator: Prof. Renato Redondi

Scientific Area: 09 - Industrial and information engineering

Duration	Positions	Positions covered by scholarships	Annual amount scholarships	Annual amount for research activity
3 years	4	4	€ 19.021,08*	€ 1.900,00

* before social security contributions borne by the recipient in accordance with current laws, paid out in monthly instalments. The amount is increased by 50% per any period of actual stay abroad for no less than 6 month and no more than 18 months, subject to authorization of the Teaching Body to operate abroad.

Scholarships:

- No. 2 financed by Dipartimento dell'Ingegneria Gestionale, dell'Informazione, e della Produzione
- No.2 funded by Dipartimento di Scienze Aziendali

1	Project title: Introduction of electric aircraft for passengers and freight: business opportunities and impact on carriers' networks and airports
	Field: PNRR Project "Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile - Spoke 1 – Air mobility
	Reference Professor: Prof. Paolo Malighetti
	Code project MALI_P_22_RN_MIUR_AL_CNMS_01, CUP F13C22000690001

2	Project title: New and consumer-driven business models for resilient and circular supply chains
	Field: PNRR Project Partenariato Esteso in area 11 – Made in Italy – Spoke 7: New and consumer-driven business models for resilient and circular supply chain
	Reference Professor: Prof. Roberto Pinto
	Code project DURS_G_22_RN_MIUR_AL_3A-ITALY_01, CUP F13C22001230001

3	Project title: Digitalisation for the sustainability and inclusiveness of entrepreneurial finance
	Field: PNRR Project Partenariato Esteso in area 9 - Sostenibilità economico-finanziaria dei sistemi e dei territori - Spoke 4: Sustainable finance
	Reference Professor: Prof. Silvio Vismara
	Code project VISM_S_22_RN_MIUR_AL_GRINS_01, CUP F83C22001720001

4	Project title: Small and Medium Enterprises and Growth: The role of Innovation Ecosystems
	Field: PNRR Project Partenariato Esteso in area 9 - Sostenibilità economico-finanziaria dei sistemi e dei territori - Spoke 5: Innovation ecosystems for the circular economy
	Reference Professor: Prof.ssa Giovanna Campopiano
	Code project VISM_S_22_RN_MIUR_AL_GRINS_01, CUP F83C22001720001

Contracted structures: University of Naples “Federico II”

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; evaluation of the candidate's aptitude for scientific research): up to 25 marks;

Interview date:

12 January 2023 at 09:00 hours (Italian time) eventually continuing on 13 January, depending on the number of candidates participating to the interview.

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