Attachment A to R.D. rep. no. 317/2018 of 08.05.2018

PhD in APPLIED ECONOMICS AND MANAGEMENT (AEM)

Coordinator: Prof. Gianmaria Martini

Scientific Area: 13 - Economics and statistics

Duration	Positions	Positions covered by scholarships	Positions reserved to foreign- country candidates	Positions with no scholarship
3 years	10	6	2	2

Scholarships:

- No. 3 financed by the University;
- No. 3 financed by the Università degli Studi di Pavia.

Positions without scholarship: 2

Reserved positions:

No. 2 foreign-country candidates

The selection of positions reserved to foreign candidates and to candidates engaged in international mobility programs shall be carried out using the same modalities and on the same dates as the selections for all other positions. Should the positions of foreign-citizen candidates and candidates engaged in international mobility programs remain unassigned, these will not be made available to other suitable candidates.

Contracted structures: Università degli Studi di Pavia

Modality of admission to the selection

type B - 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 15 marks;
- letter 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: up to 20 marks;
- other qualifications of specialization and attendance to research normalized per year from the date of the
 graduate degree, if present (e.g. specialization 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;

Interview (up to 30 marks):

- knowledge of the English language: 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: English language; the knowledge of the Italian language shall be evaluated for foreign candidates.



Interview date:

9 July 2018 at 10:00 hours (Italian time) in the classroom no. 12 at the University headquarters in Via Caniana No. 2, Bergamo.

The interview may be held in English language and may be sustained by means of videoconference (Skype) exclusively for the candidates residing or domiciled abroad (candidates admitted to the interview after qualification assessment may avail themselves of such opportunity by sending a request via e-mail to the address <u>selezionipersonale@unibg.it</u>).

PhD in BUSINESS AND LAW

Coordinator: Prof. Antonio Banfi

Scientific Area: 12 - Law studies

13 - Economics and statistics

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

Scholarships:

- No. 6 financed by the University;
- No. 2 financed by Society BREMBO for the research topic: "The issue of regulatory relapses and civil liability related to the development and application of artificial intelligence systems in products and production systems".

Positions without scholarship: 2

Modality of admission to the selection

type B - assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 35 marks;
- language certifications: up to 8 marks;
- courses of university competition or master: up to 5 marks;
- up to 2 letters of reference from Italian or foreign academics: up to 6 marks;
- publications: up to 6 marks.

Interview (up to 30 marks):

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

Linguistic competence: knowledge of the English language. The knowledge of the Italian language shall be evaluated for foreign candidates.

Interview date:

9 July 2018 at 14.00 hours (Italian time) in the classroom no.13 at the University headquarters in Via Dei Caniana No. 2, Bergamo.

The interview may be held in English language and may be sustained by means of videoconference (Skype) for all the candidates (candidates admitted to the interview after qualification assessment may avail themselves of such opportunity by sending a request via e-mail to the address selezionipersonale@unibg.it).

PhD in HUMAN CAPITAL FORMATION AND LABOUR MARKET RELATIONS

Coordinator: Professor Giuseppe Bertagna

Scientific Area: 11 - History, philosophy, pedagogy and psychology

12 - Law studies

Duration	Positions	Positions covered by scholarship	Positions covered by higher education apprenticeship contracts	Positions covered by PhD Industrial	Positions with no scholarship
3 anni	23	8	10	1	4

Scholarships:

- No. 3 financed by the University;
- No. 5 scholarships and 10 higher education apprenticeship contracts financed by the ADAPT and ADAPT FOUNDATION for the development of researches in Rights of industrial and labor relations, referred to the topic "The great transformation of work";
- No. 1 PhD Industrial financed by Associazione InsiemeAte.

Positions without scholarships: 4

Modality of admission to the selection:

type B - assessment of qualifications and interview

Type of estimable qualifications:

Qualification assessment (up to 60 marks):

- up to maximum 26 marks for the assessment of the scientific and professional course (as shown in the *curriculum vitae* and any attachments);
- up to maximum 25 marks for a submitted research project;
- up to maximum 3 marks for the contents of any presentation letters submitted by the candidate;
- up to maximum 6 marks for other qualifications connected to served contracts, scholarships and assignments in national, foreign or international research bodies, duly certificated, showing the activity's effective date and duration.

Interview (up to 30 marks):

- knowledge of the English language: up to 5 marks;
- discussion of the research project (assessing capacity by the candidate to convincingly discuss project preconditions and goals): up to 10 marks;
- project and own formative and working experiences in connection with research orientation and paths of the doctoral School, especially if related to the subjects listed below, up to 15 marks:
 - Labor rights and Labor economics;
 - Pedagogy of education and person;
 - Clinical psychology;
 - Anthropology, Sociology and Geography.

Linguistic competence: English language; the knowledge of the Italian language shall be evaluated for foreign candidates.



Interview date:

2 July 2018 at 9:30 hours (Italian time) in the classroom no. 1 at the University headquarters in Piazzale Sant'Agostino no. 2, Bergamo (eventually continuing on 3 July, depending on the number of candidates participating to the interview).

The interview shall be held in Italian language and sustained by means of videoconference (Skype) only for the candidates residing or domiciled abroad (candidates admitted following the assessment of their qualifications may avail themselves of such opportunity by sending a request via e-mail to the address selezionipersonale@unibg.it).

PhD in ENGINEERING AND APPLIED SCIENCES

Coordinator: Professor Valerio Re

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	13	11	2

Scholarships:

- No. 4 financed by the University;
- No. 2 financed by the University for the research topic "Industrial robotics" in collaboration with IIT;
- No. 1 financed by ISTITUTO ITALIANO DI TECNOLOGIA for the following research topic: "Industrial robotics";
- No. 1 financed by ENEA AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE for the following research topic "Internet of Things e Smart Cities";
- No. 2 financed by SERIOPLAST GLOBAL SERVICES S.p.A. for the following research topics: "Achieving realistic values of the distribution of the thickness of the bottles, in such a way as to simulate their behavior under certain conditions, with the purpose of:
 - optimizing the design of the bottle
 - optimizing the process parameters
 - with the goal of reducing the cost of the product while preserving the desired characteristics"
- No. 1 financed by lotty s.r.l for the following research topic: "Continuous and permanent dynamic monitoring of buildings using sensors based on MEMS technology".

Positions without scholarship: 2

Modality of admission to the selection:

type B - assessment of qualifications and interview

Type of estimable qualifications:

Qualification assessments (up to 60 marks):

- academic career: up to 30 marks;
- research project: up to 20 marks;
- other qualifications, publications, letters of reference from Italian or foreign academics: up to 10 marks.

Interview (up to 30 marks):

The interview entails the discussion of the research project presented by the candidate to the purpose of assessing his capacity to convincingly discuss project preconditions and goals. The interview will also aim at assessing the candidate's attitude towards scientific research and his explanatory mastery in dealing with doctorate topics.

Linguistic competence: English language; the knowledge of the Italian language shall be evaluated for foreign candidates.

Interview date:

4 July 2018 at 9:00 hours (Italian time) in the classroom no.B 103 at the University headquarters in Viale Marconi no. 5, Dalmine (eventually continuing on 5 July, depending on the number of candidates participating to the interview).

The interview may be held in the English language and sustained by means of videoconference (Skype) for the candidates who, on proven grounds, are unable to attend the interview on the date fixed by the announcement (candidates who have been admitted to the interview following the assessment of their qualifications may avail themselves of such opportunity by sending a request via e-mail to the address <u>selezionipersonale@unibg.it</u>).

PhD in TRANSCULTURAL STUDIES IN HUMANITIES

Coordinator: Prof. Franco Giudice

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

Duration	Positions	Positions covered by scholarships	Positions reserved to foreign- country candidates	Positions with no scholarship
3 years	11	7	2	2

Scholarships:

- No. 6 financed by the University;
- No. 1 financed by Department of Foreign languages, literatures and cultures within the project "Department of excellence" for the following research topic: "Digital Humanities and translation studies".

Positions without scholarship: 2

Reserved positions:

• No. 2 foreign-country candidate

The selection of the position reserved to foreign candidates shall be carried out using the same modalities and on the same dates as the selections for all other positions. Should the foreign-citizen position remain unassigned, it will not be made available to other suitable candidates.

Modality of admission to the selection

type B - assessment of qualifications and interview

Type of estimable qualifications

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 10 marks;
- research project or letter of academic interest written by candidate: up to 20 marks (such documents may also be submitted in English or French);
- letters of reference from Italian or foreign academics: up to 5 marks;
- final grades or equivalent documentation: up to 15 marks;
- other qualifications: e.g. specialization 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;
- publications: up to 5 marks.

Interview (up to 30 marks):

- Knowledge foreign language: up to 5 marks;
- Discussion of the research project (assessment of the candidate's capacity to convincingly discuss project preconditions and goals) up to 20 marks;
- relevance of demonstrated knowledge in the field of curricular subjects forming doctorate objectives: up to 5 marks.



Linguistic competence: knowledge of at least one European foreign language (English, French, Spanish, German); the knowledge of the Italian language shall be evaluated for foreign candidates.

Interview date:

2 July 2018, at 10:00 hours (Italian time) in the classroom no. 12 at the University headquarters in Via Dei Caniana No. 2, Bergamo (eventually continuing on 3/4 July, depending on the number of candidates participating to the interview).

The interview may be held also in the English or French language and may be sustained by means of videoconference (Skype) exclusively for the candidates residing or domiciled abroad or who, on proven grounds, are unable to attend the interview on the date fixed by the announcement (candidates who have been admitted to the interview following the assessment of their qualifications may avail themselves of such opportunity by sending a request via e-mail to the address selezionipersonale@unibg.it).

PhD in TECHNOLOGY, INNOVATION AND MANAGEMENT (TIM)

Coordinator: Professor Caterina Rizzi

Scientific Area: 09 - Industrial and information engineering

Duration	Positions	Positions covered by	Positions reserved to foreign-	Positions with no
		scholarships	country candidates	scholarship
3 years	14	8	3	3

Scholarships:

- No. 3 financed by the University; one of these for the following research topic: "Manufacturing processes and technologies for processing innovative materials for engineering";
- No. 3 financed by the University of Naples "Federico II";
- No. 1 financed by KILOMETRO ROSSO S.p.a. on the topics of *industrial robotics* in collaboration with the Istituto Italiano di Tecnologia;
- No. 1 financed by ASSIMOCO ASSIcurazioni Movimento Cooperativo for the following research topic: "Social Impact and Entrepreneurial Performance in Small and Medium-sized Enterprises".

Positions without scholarship: 3

Reserved positions:

• No. 3 foreign-country candidate

The selection of the position reserved to foreign candidates shall be carried out using the same modalities and on the same dates as the selections for all other positions. Should the foreign-citizen position remain unassigned, it will not be made available to other suitable candidates.

Contracted structures: University of Naples "Federico II"

Modality of admission to the selection:

type B - assessment of qualifications and interview

Type of estimable qualifications:

Qualification assessments (up to 60 marks):

- curriculum studiorum: up to 5 marks;
- research project: up to 15 marks;
- 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: up to 20 marks;
- other qualifications of specialization and attendance to research normalized per year from the date of the graduate degree specialistica/magistrale, if present (e.g. specialization 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;
- publications (normalized per year from the date of the graduate degree specialistica/magistrale, if present): up to 5 marks.

Interview (up to 30 marks):

- knowledge of the English language: 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: English language; the knowledge of the Italian language shall be evaluated for foreign candidates.

Interview date:

12 July 2018 at 9:00 hours (Italian time) in the classroom Ex Seminari Ex-DIG at the University of Naples "Federico II", Dipartimento di Ingegneria Industriale, Piazzale Tecchio no. 80, Napoli.

The interview may be held in the English language and sustained by means of videoconference (Skype) for the candidates who, on proven grounds, are unable to attend the interview on the date fixed by the announcement (candidates who have been admitted to the interview following the assessment of their qualifications may avail themselves of such opportunity by sending a request via e-mail to the address selezionipersonale@unibg.it).