

PUBLIC COMPETITION FOR ASSIGNMENT NO. 20 RESEARCH GRANTS FOR COOPERATION IN RESEARCH ACTIVITIES, A1-TYPE, WITH A DURATION OF NO. 24 MONTHS.

Cod. A1-2020

THE RECTOR

CONSIDERING the Law no. 168 of May 9th, 1989;
 CONSIDERING the Rector's Decree no. prot. 0010332/15 of March 3rd, 2015, concerning the Statute of the University of Milano-Bicocca;
 CONSIDERING the Law no. 240 and further modifications, art. 22 of December 30th, 2010 which provides for the assignment of research grants for cooperation in research activities, within the available budget;
 CONSIDERING the Rector's Decree no. 4694/2020, prot. 0048412/20 of July 31th, 2020, concerning the regulation of Research Grant for cooperation in research activities;
 CONSIDERING the Ministerial Decree no. 102 of March 9th, 2011, fixing the amount of the grant and the comparative assessment methods;
 CONSIDERING the University's Official Notice Board regulations, as per the Rector's Decree no. 14405 of June 1st, 2006, which guarantees the legal publication of any University documents;
 HAVING ACQUIRED the Boards of Governors' decision taken on June 30th, 2020, according to the indications deliberated by Academic Senate's taken in the June 29th, 2020 and with the budget availability, to allocate no. 20 Research Grants for cooperation in research activities, split up among the different Departments;
 HAVING ACQUIRED the Departments Board's resolutions;
 ACKNOWLEDGED that the Head of Human Resources confirms the regularity and legality of the provision herewith;

DECREES WHAT FOLLOWS:

Based on the grounds set out in the recitals of the provision herewith and hereafter fully quoted:

Art. 1. - The University of Milano-Bicocca hereby announces a public Competition, with assessment of degrees and qualifications, for the assignment of **no. 20 Research Grants for cooperation in research activities, A1-type, with a duration of 24 months, split up among the Departments as follows:**

DEPARTMENT	no. A1 Junior	no. A1 Senior	Tot.	Attachment
ECONOMICS MANAGEMENT AND STATISTICS	2	0	2	A
LAW	3	0	3	B
MEDICINE AND SURGERY	1	0	1	C
EARTH AND ENVIRONMENTAL SCIENCES - DISAT	8	0	8	D
BUSINESS AND LAW	1	0	1	E
HUMAN SCIENCES FOR EDUCATION "RICCARDO MASSA"	3	0	3	F
STATISTICS AND QUANTITATIVE METHODS	2	0	2	G
TOT.	20	0	20	

Art. 2. – Applicants holding a doctoral degree (Ph.D) and/or a Postgraduate Medical School degree, can submit their

application; when conferred by foreign institutions/Universities, the Ph.D degree has to be validated as equivalent “equipollente” to an Italian degree. Applicants must hold an appropriate scientific and professional curriculum, that must be suitable to the research activities.

The activities and research topics of the **A1-type Research Grants** shall be carried out under the supervision of a Scientific Responsible identified by the Department; the amount of the research fellowship contract is financed by the University on the allocated funds.

There are two kinds of research fellowship contracts A1, according to candidates requirements and research topics:

- **Junior:** reserved for candidates who, within the deadline for submission of applications as indicated in the following art. 3, have obtained a research doctorate or medical specialization degree, not more than 4 years after obtaining the first qualification (research doctorate or medical specialization); this limit is increased by 5 months for each child born before or after the completion of the degree. Moreover, PhD students may apply for admission, provided they have submitted the application for attainment of the title within the deadline of this call: in case this candidate is appointed as the winner, the research grant contract will start on the first day of the month after the PhD degree was obtained.
- **Senior:** reserved for candidates who, in addition to having attained the doctorate title or the medical specialization degree, have carried out at least 4 years of scientific activity relevant to the subject of the grant; the experience must be proven by one or more reports or research collaboration contracts, as well as documented by scientific publications.

Applicants must have the following requisites:

- knowledge of a foreign language as chosen by each Department.

The prescribed admission requirements must be satisfied within the application deadline. Candidates will be admitted to the competition conditionally.

As indicated in Art. 22 of Law 240 of December 30th, 2010, employees of the Italian public administration and Universities permanent staff will not be admitted, nor the holders of any other research grants or scholarships, unless they resign if selected for the present competition.

The grant holder can not be enrolled, in Italy or abroad, in a Degree Course (Laurea Magistrale or Laurea Specialistica) or Specialization course in the field of medicine or University Master.

Throughout the duration of the grant it is prohibited to perform temporary or permanent employment relationships.

Relatives and in-laws within the fourth degree included, of a professor member of the Department requiring the institution of the Research Grant, or of the Rector, the General Manager or a member of the Boards of Directors cannot participate in the competition for the assignment of the Research Grant.

The selection procedure does not admit those who are excluded from the active political electorate and those who have been dismissed or released from a public administration for consistently inadequate performance, or have been declared lapsed by a state employment, pursuant to art. 127, first paragraph, letter d) of the Consolidation Act of the provisions concerning the statute for civil servants of the State, approved by the Presidential Decree. 10.1.1957, n. 3 and those who have been dismissed for having obtained employment through the production of false documents and in any case by fraudulent means.

The recipients of convicted sentences, including judgments pronounced as a result of plea bargaining, or irrevocable criminal convictions for crimes against the Public Administration are also not admitted to the selection process.

In case of applicants with outstanding criminal proceedings for crimes against the Public Administration, the University will evaluate their admission to the selection process.

In accordance with art. 22, paragraph 3, of Law 240 of December 30th, 2010, as indicated in the preliminary remarks and as stated in Art. 1 of the present Competition, the Research Grant has a duration of no. **24** months, it may be renewed once, but not accumulable with other grants or scholarships, except for scholarships awarded by either an Italian or a foreign institution, useful to integrate, while abroad, the holder’s research activity. The total duration of the collaboration, including possible renewals, cannot exceed six years, except for the period in which the grant fruition coincides with the doctoral programme, within the limits determined by the legal duration of the course.

Holders of Research Grants assigned according to the law in force will be excluded from the present competition, as they cannot guarantee the full coverage of the research period provided.

The total duration of the relationship established with grant holders as per the present article and of the contracts as

specified in art. 24 of the Law no. 240 of December 30th, 2010, with one or more public, private, or telematic Universities, and with all the institutions listed in art. 22, paragraph 1, of the Law no. 240 of December 30th, 2010, cannot exceed the total duration of 12 years, even non-continuous, with the same subject. As per the regulations in force, maternity and sick leave periods do not count in the duration of the above mentioned relationships.

Art. 3. - Under penalty of exclusion applications for participation in the competition, along with the relevant qualifications held and the relevant scientific publications, **shall be submitted online through the following online application procedure:** <https://pica.cineca.it/unimib/bando-assegno-di-ricerca-a1-2020>.

It is of utmost importance to provide a valid email address in order to enable the registration process on the electronic procedure.

Applicants shall upload all personal and professional data as requested by the application procedure; all documents must be uploaded in PDF format (.pdf). Each applicant can produce a maximum of no. 30 publications and a maximum of no. 30 other titles and qualifications. For evaluation purposes of **A1-Type Junior**, each applicant can produce a **maximum of no. 10 publications**.

All fields in the online application form must be filled out. Under penalty of exclusion, the application must contain:

- **research project (English language), concerning the Scientific Subject listed in the Department attachment;**
- **the curriculum vitae with the complete list of the scientific and professional activities;**
- **valid ID of the candidate to be uploaded in electronic format;**
- **declaration concerning having or not having received criminal convictions and of having or not having pending criminal proceedings; in the affirmative case, specify the crime, and whether the sentence has become final, or if the criminal proceedings are in progress and if there have been any additional penalties imposed, specify which ones.**

Failure to comply with the online application procedure will result in exclusion of the applicant.

Prior to final submission, and within the given deadline for applications submission, the online application procedure allows to modify and save the inserted information in a draft copy.

Confirmation of final submission date will be certified by an automatic notification email.

Submissions after the given deadlines will not be accepted by the system, as the online application procedure won't be accessible.

Each application will be given a registration number. For all further communications, the registration number shall be quoted along with the code of the research grant competition.

The online application and submission procedure shall be completed **by November 20th, 2020, not later than 13:00 (Rome time).**

The submission of the online application must be completed and finalized:

- **with the digital signature of the candidate**, by means of smart card, USB token or remote digital signature, for digitally signing electronic documents with a software using a PC or a web portal for Remote Signature provided by a Certification Service Provider (CSP). Candidates with a smart card or an USB token for digital signature should check the compatibility with the Digital Signature system embedded in our server. In case of compatibility, candidates shall sign the application on the server (i.e. ConFirma);
- **holders of server-incompatible Digital Signature and holders of Remote Digital Signature** who can access a web portal for digitally signing electronic documents, shall save the PDF file generated by the system on their PC; the PDF file shall not be modified in any way, and it shall be digitally signed in CADES format: the system will generate a file with .p7m extension. The candidate shall upload the .p7m file on the system. No changes are to be made to the file by the candidates before the Digital Signature, on pain of exclusion from the competition
- **in case the two above-mentioned options do not apply**, candidates shall save the PDF file generated by the system on their PC. The PDF file shall not be modified in any way, on pain of exclusion from the competition.

The PDF shall then be printed out, signed on the last page, scanned in PDF format and uploaded on the system.

The University will verify that all the statements made in the application and accompanying documentation comply with the provisions of Presidential Decree n. 445/2000.

Each applicant is allowed to present one single project for each Department.

Art. 4. - For the present Competition, the **JUNIOR** candidate will be evaluated as follows:

a) DEGREES and QUALIFICATIONS (up to 65 points):

- up to **5** points for final grade and degree thesis, masters and post-degree courses;
- up to **20** points for Doctoral thesis and related mark or specialization program in the field of medicine;
- up to **20** points for scientific publications;
- up to **20** points for research activities, other titles and qualifications duly documented, patents, conference proceedings;

b) INTERVIEW and RESEARCH PROJECT (up to 35 points):

- up to **10** points for the research project;
- up to **25** points for the interview.

Instead the **SENIOR** candidate will be evaluated as follows:

c) DEGREES and QUALIFICATIONS (up to 80 points):

- up to **20** points for Doctoral thesis and related mark or specialization program in the field of medicine, or professional experience, which must be evidenced by reports or research collaboration agreements in the field of the research;
- up to **50** points for scientific publications;
- up to **10** points for research activities, other titles and qualifications duly documented, patents, conference proceedings;

d) INTERVIEW and RESEARCH PROJECT (up to 20 points):

- up to **10** points for the research project;
- up to **10** points for the interview.

Art. 5 – The Candidates will be assessed comparatively by an Evaluation Commission appointed by the Board of the Department. Each Evaluation Commission will be nominated by Rectoral Decree, and will be formed by three to five members (at least one from the Department) to be chosen from Assistant Professors, Professors (Full Professors in the majority) and Lecturers of the same scientific disciplinary sector as the Research Fellowship topics.

The composition of the Evaluation Commission and the date and place of the interview will be posted to the web page <https://www.unimib.it/assegni-ricerca> within November 25th, 2020 (unless otherwise indicated).

At its first meeting, the Evaluation Commission appoints its President and predetermines, according with the Department Board's resolution, the **Guidelines** to assess the TITLES, the PUBLICATIONS, the RESEARCH PROJECTS and the INTERVIEWS.

The Commission evaluates TITLES and PUBLICATIONS, expresses an overall judgement for each Candidate and assigns an overall score.

Before undergoing any assessments the Evaluation Commission will check for any incompatibilities by ensuring that all submissions are in compliance with the laws in force (artt. 51 e 52 del Codice di Procedura Civile; D.P.R. 62/2013).

Candidates failing to attain at least **50%** of the total score that the Commission can assign for TITLES and PUBLICATIONS (Junior: 32,50 points; Senior: 40 points) will not be admitted to the assessment procedure of their RESEARCH PROJECT and to the INTERVIEW, therefore they will be considered excluded from the RANKING.

The list of the Candidates admitted to the assessment of their **RESEARCH PROJECT** and to the **INTERVIEW** will be posted to the Official Notice Board as legal notification to candidates. **The preselection result will be also published** on the University official website within **December 24th, 2020 (unless otherwise indicated)**, at the following link: <https://www.unimib.it/assegni-ricerca>, no other communication options will be considered.

Art. 6. - In order to award the research grant as per Art. 1, candidates should undergo an interview to ascertain their suitability to the research program and the knowledge of a foreign language.

The Interviews will be performed remotely. In the application procedure Candidates must communicate their e-mail address/the details of their video conference tools to set up video conferencing.

Art. 7. - At the end of the interviews, the Evaluating Committee shall draw up a report with a ranking for each candidate. Candidates who have not earned at least **50 points** are excluded from the competition.

Art. 8. - At the end of the interviews, the Evaluation Committee shall formulate a ranking for each Scientific Subject, formally approved by a University Director's Decree. The same ranking will be posted at the Official Notice Board and on the University official website www.unimib.it, as legal notification to candidates.

In case of parity, precedence is given to the youngest candidate.

The University will notify the awarded candidates.

The contract will start **on March 1st, 2021**.

For non-EC subjects the contract will enter into effect after obtaining the stay permit (Permesso di Soggiorno).

Art. 9. - In order to avoid exclusion, within the final date of **20 days** from notification, the grantee has to draw up a specific self-employed contract with clear indication of the terms and conditions of the employment relationship to be settled.

In case of forfeiture or renunciation, or failure to sign the contract within **20 days** by the selected candidate, the research grant shall be assigned to the candidate ranking next to the renouncing applicant. The ranking will stay in force for **120 days** after its formal approval.

If the grantee decides to withdraw from the contract, he/she is obliged to send a written notification at least **15 days** in advance to the Rector, to the Scientific Responsible and to the Director of the involved Department. In case of late or lack of notice, the amount corresponding to the missing notice period will be deducted.

In case of serious non-fulfilment reported by the Scientific Responsible and/or upon request of the Council of the requiring Structure, the contract can be cancelled by means of a Rector's provision, after verifying with the party concerned.

The contract is automatically terminated in the following cases:

- winner's undue delay or failure to initiate the activity;
- anticipated end date of research activities;
- winner's suspension and/or absence even if not permanent that lasts for a period exceeding one-sixth of the contract length;
- serious breach of the incompatibility regulations as provided by Article 2;
- negative performance evaluation of the winner's research activity expressed by the Department Council;
- violation of D.P.R. 62/2013.

The assignment of the Research Grant implies to undertake the research activity program as indicated by the candidate, chosen among the Scientific Subjects listed above, under the supervision of the correspondent Scientific Responsible.

Grant entitlement does not imply a subordinate work relationship and does not give cause to any admittance rights to University tenure.

Art. 10. - Research Grant holders not complying with the regulations provided by this competition will lose every right to the research grant by means of a Rector's Act, upon written notification.

Art. 11. - The total remuneration/payment is settled at **€ 39.708,00**, including social security (INPS - National Institution of Social Security) dependent on the employee, and **will be split into deferred monthly payments**.

The grant is not subject to income tax contribution (IRPEF), as per Art. 4 of Law no. 476 of August 13th, 1984, and it is subject to social security regulations, as per Art. 2, paragraphs 26 and fol., of Law no. 335 of August 8th, 1995.

Grantees' tasks, formalized by means of individual contracts, are carried out under the supervision of the Project Responsible, who will monitor the developed activities.

Any other amount due for **business trip** refund - for which specific regulations apply - should be charged to the relevant allowances of the authorizing Department.

Art. 12. - Pursuant to the Law no. 241 of August 7th, 1990, the Competition Manager for the present competition procedures is: Dr. Alessandro Cava, Recruitment Manager.

Pursuant to Italian Legislative Decree 30/06/2003 no. 196 and to European Regulation no. 2016/679, the processing of your personal Data (received from you or otherwise acquired by the University) is carried out specifically for the purposes connected to the present selection procedure. For the proper performance of the Data Processing referred to in this Privacy Information Notice, your Data will be only handled by authorized employees of the University of Milano-Bicocca by means of suitable electronic tools, with logic strictly related to the aforementioned purposes. The Data will be stored in accordance with the relevant Regulations on administrative documentation storage and retention. The Data Controller for the University of Milano-Bicocca is the Rector, Legal Representative, with registered office in Piazza dell'Ateneo Nuovo 1, Milano.

Art. 13. - For anything not included in the present Competition, shall apply all laws and regulations in force in Italy about public competitions and the Regulation of Research Grant for cooperation in research activities.

Art. 14. - This Notice of Competition shall be published and posted to the Official Notice Board of the University of Milano-Bicocca.

THE RECTOR
Giovanna Iannantuoni

UOR: Personnel Department - Head of Human Resources Elena La Torre
Competition Manager: Alessandro Cava
Treated by: Alessandro Cava

Attachment A

DEPARTMENT OF ECONOMICS, MANAGEMENT AND STATISTICS - Research grants allocated no. 2

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/A	Junior	Prof.ssa Elisa Arrigo	Economics and Statistics	Economics-Marketing	SECS-P/08	Digital transformation in fashion companies	The project aims at exploring the role of digital technologies in fashion companies' marketing policies to support the acquisition and management of knowledge, innovate products and processes, and strengthen relationships with customers	Degree, PhD and research experience
2/A	Junior	Prof.ssa Laura Pagani	Economics and Statistics	Economics-Applied economics	SECS-P/01, SECS-P/04	Impact evaluation of distance learning on Bicocca community's students and teachers	The objective of this project is to compare distance learning with traditional in presence learning. Administrative datasets will be analyzed using causal inference techniques	Master degree and PhD in economics or analogous (with strong background in applied microeconomics/microeconometrics), research experience in applied microeconomics

interview: discussion on qualifications, presented project, research activity and knowledge of the English language

Attachment B

DEPARTMENT OF LAW (School of Law) - Research grants allocated no. 3

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/B	Junior	Prof. Danilo Semeghini	Juridical sciences	Juridical sciences- Private law	IUS/04	Distress and insolvency in corporate groups	Study of legal issues related to firms' distress and insolvency within groups of companies, in light of recent developments in legislation, scholarship and case law, also in a comparative and transnational perspective	Law Degree, PhD related to the topic, Language skills (English and/or French).
2/B	Junior	Prof. Maurizio Arcari	Juridical sciences	Juridical sciences- Public law	IUS/13	The identification, use and content of general principles of law in international adjudication	The aim of the research is develop a comprehensive study on how States and judges in international adjudication invoke general principles of law to settle disputes and which elements they use to ascertain their existence, content and scope	Law Degree, PhD related to the topic, Language skills (English and/or French).
3/B	Junior	Prof. Oliviero Mazza	Juridical sciences	Juridical sciences- Public law	IUS/16	The Principle of procedural legality	The principle of procedural legality is one of the most relevant and least studied themes of the contemporary procedural system. It is necessary to recover the deficit of dogmatic studies on the principle	Law Degree, PhD related to the topic, Language skills (English and/or French).

Interview: discussion publications and academic titles, research project, knowledge and experience, language skills

Attachment C

DEPARTMENT OF MEDICINE AND SURGERY (School of Medicine and Surgery) - Research grants allocated no. 1

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/C	Junior	Prof.ssa Mariagrazia Strepparava	Psychological sciences- Psychology	Clinical And Dynamic Psychology	M-PSI/08	Longitudinal study of the transition to distance learning (BEYOND-COVID-19)	The research project involves the study of the psychological variables of the distance teaching experience of teachers and students with a mixed methods approach (qualitative and quantitative) and in a longitudinal perspective	Degree, PhD and research experience

Interview: Knowledge and experience related to the presented project, attitude to conduct research projects, abilities to discuss in english about the topics related to the research project

Attachment D

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES (DISAT) - Research grants allocated no. 8

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/D	Junior	Prof.ssa Anita Colombo	Biological sciences	Biological sciences-Other	BIO/06	Inhalation toxicity of PM aggregated pollutants of emerging concern: NPs, MPs and bioaerosol	Investigate the inhalation toxicity of PM characterized by emerging pollutants: NPs, MPs and bioaerosol. In vitro systems of mono and co-cultures exposed to the air-liquid interface, which mimic the physiology in vivo , will be used	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; research activities, other securities related to contracts, research grants from national and foreign research institutes, duly attested, related to the research activity
2/D	Junior	Prof.ssa Elena Collina	Chemical sciences	Chemistry-Other	CHIM/12	Nano-materials for advanced treatment of urban wastewater	The project aims at producing zero-valent iron nanoparticles encapsulated in microalgal biomass by hydrothermal carbonization, evaluating their efficiency for antibiotic removal from wastewater, assessing treatments for the spent nanoparticles	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity

3/D	Junior	Prof. Claudio Greco	Chemical sciences	Chemistry-Physical chemistry	CHIM/02	Computational study of metalloenzymes involved in the control of atmospheric trace gases	Study of metalloenzymes and of bioinspired molecular catalysts involved in the transformation of small gaseous molecules by means of quantum chemical methods, quantum mechanics/molecular mechanics approaches and hybrid dynamic simulations	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity
4/D	Junior	Prof. Alessandro Tibaldi	Environmental science-Earth science	Environmental science-Earth science	GEO/03	State of stress as control factor for magma uprising: analysis and modeling	Three-dimensional individuation of spatial/temporal variations of the stress state in volcanotectonic settings, at varying depths through seismic data elaboration and at the surface through field data	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity

5/D	Junior	Prof. Valter Maggi	Environmental science-Earth science	Environmental science-Global change	GEO/04	The paleoclimatic record of high-resolution Eurasian lake sediments	Reconstruction of climate parameters and climate variability in the Eurasian realm during the last million year, by exploring the record of high-resolution lake and wetlands archives	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity
6/D	Junior	Dott.ssa Alessandra Savini	Environmental science-Earth science	Environmental science-Earth science	GEO/04	UAV and seamless 3D models to assess and monitor geomorphological changes in coastal areas	The research will develop new monitoring protocols to assess geomorphological changes in coastal areas, using UAV-based images and advanced analysis (machine learning/AI) with the generation of seamless 3D models	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity

7/D	Junior	Prof. Federico Agliardi	Environmental science-Earth science	Technology-Remote sensing	GEO/05	Innovative multi-source remote sensing applications in Engineering Geology	Integration of multi-sensor and multi-platform remote sensing techniques to analyse slow ground deformations and characterize the hydro-geomechanical properties of fractured media in Engineering Geology	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity
8/D	Junior	Dott. Alessandro Cavallo	Environmental science-Earth science	Environmental science-Natural resources management	GEO/09	Recovery of critical metals and minerals from mining wastes, tailings and as by-products	Within the sustainability and circular economy frame we propose to study and model the behaviour of critical metals for the EU (such as PGE, Sb, Co, Bi, Ga and Ge) during beneficiation and in mining dumps	Degree Thesis, masters and post-degree courses; Doctoral thesis, related mark and its relevance to the topic; scientific publications; communications at national and international scientific meetings; research activities, other qualifications related to contracts, research grants, in national and foreign research institutes and facilities, duly attested, related to the research activity

Interview: discussion of qualifications, on the proposed research project, on personal knowledge and experiences and it will be followed by an assessment of the knowledge of English language

Attachment E DEPARTMENT OF BUSINESS AND LAW - Research grants allocated no. 1

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/E	Junior	Prof.ssa Elisabetta Marafioti; Dott. Dario Scarpa	Economics and Statistics	Economics-Management studies	SECS-P/07 IUS/04	Digital business e data law	The project analyzes the digital transformation at vario types with attention to the processes of innovation of business models, to the competences required and to legal and legal implications in a private and public context	Master's degree in Management and Business law

interview: discussion on titles and proposed project

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/F	Junior	Prof.ssa Gabriella Seveso	Historical, philosophical, pedagogical and psychological	Educational sciences- Education	M-PED/02	Education in natural environment: scholastic and extracurricular experiences in 20th Century Europe	The research deals with the issue of outdoor education, with an historical perspective that also allows a key to understanding current experiences and making a comparison with European realities.	PhD in Education field; Master's degree; scientific publications in education field ; participation in scientific conferences; participation in scientific and / or organizational committees of seminars or conferences in the Education field; professional activities related to the area of the call; knowledge of the English language
2/F	Junior	Prof.ssa Silvia Pozzi	Antiquities, Philological-Literary and Historical-Artistic	Literature-Asian literature	L-OR/21	Chinese cultural heritage translated in literature between identity and reinvention	The research analyzes how contemporary Chinese literature translates and interprets sinophone cultural heritage and historical turning points between collective memory and representation, and possible translation strategies in translation.	Master's degree; PhD; master's degree and PhD thesis (judgment and relevance to the research project); research and literary translation activity; assessment of the project presented, detailing the subject already indicated by the Department; Knowledge of the English, French, and Chinese language
3/F	Junior	Prof. Marco Castiglioni	Historical, philosophical, pedagogical and psychological	Psychological sciences- Psychology	M-PSI/08	Clinical psychology for supporting person's well-being at the time of Covid-19	The project aims at identifying strategies, theoretical constructs, methods and tools for the psychological-clinical management of the post-pandemic and its medium-long term effects on both typical and atypical individuals, families and groups.	Post-graduate (second cycle) degree in Psychology; Ph.D ; Indexed/peer reviewed publications; conference presentations; experience of study abroad; research activity. Knowledge of the English language

interview: Interview about: titles, research project, past research activities assessment of the languages required

Attachment G

DEPARTMENT OF STATISTICS AND QUANTITATIVE METHODS - Research grants allocated no. 2

no.	Candidate profile	Scientific Responsible	Scientific field	Sector Competition Reference	SDS	Scientific Subject Title	Synthetic Description	Curricular requirements
1/G	Junior	Prof. Vincenzo Bagnardi	Medical sciences	Medical sciences-Medicine	MED/01	Predictive factors of response to cancer immunotherapy	Predictive factors of response to cancer immunotherapy will be investigated through a meta-analytical approach, integrating clinical and genomic databases from public and private sources	MSc in Biostatistics / PhD in the biostatistical-epidemiological field / At least 3 years of scientific activities in the field of statistics applied to oncology, documented by peer-reviewed publications
2/G	Junior	Prof.ssa Rosanna Grassi	Economic and Statistical sciences	Mathematics-Applied mathematics	SECS-S/06	Complex networks: structural indicators for the analysis of economic and financial systems	Complex network theory can be useful in analysing the interconnection of economic and financial systems. The aim of this research is to develop structural indicators that are effective tools in this area.	Master's Degree in scientific disciplines, Research Doctorate, related experiences and scientific publications related to the research project

Interview 1/G: Discussion on qualifications and scientific production. Knowledge assessment of biostatistical methods in oncology and of SAS and R statistical packages. Knowledge of the English language

Interview 2/G: Discussion on qualifications and scientific publications. Knowledge of the English language