



THIS ANNEX A to the CALL FOR APPLICATIONS, TRANSLATED INTO ENGLISH, IS AN UNOFFICIAL COPY OF THE ORIGINAL. THE ONLY COPY OF LEGAL VALUE IS THE OFFICIAL DOCUMENT IN ITALIAN LANGUAGE

ALLEGATO A / ANNEX A PhDs DATA SHEETS

ACADEMIC YEAR 2018/19 - XXXIV Cycle

PhD PROGRAM IN ANALYTICS FOR ECONOMICS AND MANAGEMENT - AEM	
Scientific areas	Area 01 - Mathematics and informatics Area 13 - Economics and statistics
Macro areas	MAT/09 Operational Research SECS-P/01 Economics SECS-P/02 Economic policy SECS-P/05 Econometrics SECS-P/11 Financial Markets and Institutions SECS-S/01 Statistics SECS-S/06 Mathematical methods of economy, finance and actuarial sciences
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Economics and Management
Coordinator	Prof. Luca Bertazzi
Curricula	No
Admission requirements	<u>Educational academic qualifications according to the Italian Law:</u> Classes of "Laurea Magistrale" - University Degree: LM-16 Finance LM-17 Physics LM-18 Computer science LM-20 Aerospace and astronautic engineering LM-21 Biomedical engineering LM-22 Chemical engineering LM-23 Civil engineering LM-24 Construction engineering LM-25 Automation engineering LM-26 Safety engineering LM-27 Telecommunications engineering

LM-28 Electrical engineering
LM-29 Electronic engineering
LM-30 Energy and nuclear engineering
LM-31 Management engineering
LM-32 Computer systems engineering
LM-33 Mechanical engineering
LM-34 Naval engineering
LM-35 Environmental engineering
LM-40 Mathematics
LM-44 Mathematical modelling for engineering
LM-56 Economics
LM-75 Environmental and land sciences
LM-76 Environmental and cultural economics
LM-77 Management
LM-82 Statistics
LM-83 Actuarial, financial and economic statistics
LM-91 Methods and techniques for the information society

Classes of second degrees:

19/S (Finance)
20/S (Physics)
23/S (Computer Science)
25/S (Aerospace and aeronautical engineering)
26/S (Biomedical engineering)
27/S (Chemical engineering)
28/S (Civil engineering)
29/S (Automation engineering)
30/S (Telecommunications engineering)
31/S (Electrical engineering)
32/S (Electronic engineering)
33/S (Energy and nuclear engineering)
34/S (Engineering and industrial management)
35/S (Computer engineering)
36/S (Mechanical engineering)
37/S (Naval engineering)
38/S (Environmental engineering)
45/S (Mathematics)
50/S (Mathematics and physics: modelling for engineering)
64/S (Economic sciences)
82/S (Environmental and land sciences and technology)
83/S (Economics for environment and culture)
84/S (Management studies)
90/S (Social statistics and demography)
91/S (Actuarial, financial and economic statistics)
92/S (Statistics for experimental research)
100/S (Techniques and methods for the Information Society)

Educational qualifications obtained abroad: University degree obtained after a total academic training duration of at least 5 years, typically referred to as

	<p>"Master of Science" (MS), which can be retained equivalent to the corresponding Italian academic level, i.e. Laurea degree (5 years) or Laurea Specialistica/Magistrale degree, for the sole purpose of admission.</p> <p>Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018. These candidates are required to provide the average grade of examinations passed during the course.</p>
Number of ordinary available positions	n. 7 (5 benefitting of a scholarship + 2 positions without the benefit of a scholarship)
Number of overall scholarships	n. 6
Scholarships linked to a research topic	0
Reserved scholarships	n. 1 position with scholarship funded by the University of Brescia reserved to candidates having an eligible academic degree obtained in a foreign University
Selection procedure for ordinary positions	
Evaluation of documents and academic qualifications	<p>The maximum score for the evaluation of the documents and qualifications is 60.</p> <p>Eligible documentation:</p> <ul style="list-style-type: none"> - Curriculum; - Degree grade (instead of the final grade, the average exam grade will be considered if a candidate is under graduation condition); - Scientific publications (master thesis, etc.): maximum 5 publications; - Reference letters; - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process. <p>Only candidates who score at least 36 points in the evaluation of their documents and qualifications will be admitted to the oral exam.</p>
Written examination	Not envisaged
Oral examination	<p>The maximum score for the evaluation of the oral examination is 40.</p> <p>The oral examination will be in English and consists in:</p> <ul style="list-style-type: none"> - Presentation of the master thesis (10 minutes); - Assessment of the motivation and ability of the candidate to carry out scientific research. <p>The oral exam in Skype is allowed according to the rules provided in the Call for applications (ref. art. 6, paragraph 4). These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating their Skype contact, too.</p>

	Only candidates who score at least 24 points in the oral exam will be admitted to the PhD program.
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	The same as the selection procedure for ordinary positions
Written examination	Not envisaged
Oral examination	The same as the selection procedure envisaged for ordinary positions
Place and date of exam	The oral examination will take place on 20 September 2018, beginning at 9.30 am (Italian Time), in Room D5, Brixia Building, Via San Faustino 64, 25122 Brescia.
Contact information for	luca.bertazzi@unibs.it
Teaching and research activity	https://sites.google.com/a/unibs.it/aem/

PhD PROGRAM IN	
BUSINESS & LAW INSTITUTIONS AND BUSINESS: VALUE, RULES AND SOCIAL RESPONSIBILITY	
Scientific areas	Area 12 (Law) e Area 13 (Economics and Statistics)
Academic disciplines	IUS/01, IUS/02, IUS/04, IUS/07, IUS/08, IUS/09, IUS/10, IUS/12, IUS/13, IUS/15, IUS/17, IUS/18, IUS/21, SECS-P/07, SECS-P/08, SECS-P/10, SECS-P/12
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	University of Brescia: Department of Law
Coordinator	Professor Antonio Tencati https://www.unibs.it/ugov/person/15274
Admission requirements	LMG/01 Law; LM16 Finance; LM49 Planning and Management of Tourism Systems; LM56 Economic Sciences; LM63 Science of Public Administrations; LM76 Economics of the Environment and Culture; LM77 Economics and Business Sciences; LM81 Science for Development Cooperation; LM88 Sociology and Social Research. Any equivalent academic degree to those listed above attained from foreign Universities.

	<p>Moreover, specialist or Master's degree or Bachelor's degree pursuant to the Italian University legal system preceding Ministerial Decree 509 of 3 November 1999, modified with Ministerial Decree 270 of 22 October 2004 are eligible.</p> <p>Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018.</p> <p>Proficiency in English is required.</p>
Number of available positions	n. 8 (n. 6 benefitting of a scholarship; n. 2 positions without the benefit of a scholarship)
Number of scholarships	n. 3 scholarships for ordinary positions; n. 3 scholarships reserved to applicants having a University Qualification achieved outside Italy (Master degree level).
Selection procedure for ordinary and reserved positions	
Evaluation of Curriculum Vitae / Publications	<p><u>Maximum score for curriculum vitae/publications: 30/100</u></p> <p>Eligible material:</p> <ul style="list-style-type: none"> - Master thesis and the related University curriculum; - academic publications; - any other supporting evidence that can be considered relevant and useful for the admission evaluation process. <p>If the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be taken into account.</p> <p>The following step of the evaluation process (that is, the assessment of the research project) will be not addressed if the candidate is not able to get at least 18/100 at this stage.</p>
Research project	<p><u>Maximum score for the research project proposal: 30/100</u></p> <p>The research project proposal must be submitted on-line together with the admission form.</p> <p>The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25,000 characters (excluding spaces), and should be organized as follows:</p> <ol style="list-style-type: none"> 1. Author; 2. Title; 3. Short literature review; 4. Research questions and objectives; 5. Methodology; 6. References. <p>Only candidates who get at least 18/100 in the assessment of their research proposal will be admitted to the oral exam.</p>
Oral examination	<u>Maximum score for the oral exam: 40/100</u>

	<p>The interview in English will focus on a discussion of the presented research project proposal and candidate's curriculum vitae/publications. Furthermore, the oral exam also aims at assessing the candidate's proficiency in English.</p> <p>Candidates to the scholarships reserved to applicants with foreign Master Degree may, upon request, be allowed to be interviewed remotely with the use of a video conference application (e.g., Skype), according to the rules provided in the Call, art. 6, paragraph 4.</p> <p><u>At the end of the evaluation process, candidates with an overall score lower than 70/100 will be not admitted to PhD Program.</u></p>
Selection procedure scheduling	<p>This information will be communicated on the official University website at least 20 days before the oral exam takes place.</p> <p>The oral exams carried out remotely by using a video -conference application for those candidates who have been approved to do so will take place on the same day of the other candidates' interviews.</p>
Contacts for information	<p>emiliano.milanesi@unibs.it cristina.molinari@unibs.it</p>
PhD Program website	<p>https://en.unibs.it/education/phd-programmes/business-and-law</p>

PhD PROGRAM IN CIVIL AND ENVIRONMENTAL ENGINEERING, INTERNATIONAL COOPERATION AND MATHEMATICS	
Scientific areas	08a - Civil Engineering; 08b - Architecture; 01 - Mathematical and Computing Sciences; 04 - Geological Sciences (Scienze della Terra); 06 - Medical Sciences; 07 - Agricultural and Veterinary Sciences; 11a - Historical, Philosophical and Pedagogical Sciences; 13 - Economical and Statistical Sciences.
Macro areas	01/A; 04/A; 06/D; 06/G; 07/D; 08/A; 08/B; 08/E; 08/F; 11/A; 11/B; 13/A; 13/D.
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Civil, Environmental, Architectural Engineering and Mathematics (DICATAM)
Coordinator	Prof. Paolo Secchi
Curricula	The research activity concerns specific topics pertaining to the different curricula: - NATURAL RISKS ASSESSMENT AND

	<p>MANAGEMENT; - URBAN PLANNING AND MOBILITY; - APPROPRIATE METHODOLOGIES AND TECHNIQUES FOR INTERNATIONAL DEVELOPMENT CO-OPERATION (Health track and Technology track); - MATHEMATICAL METHODS AND MODELS FOR ENGINEERING; - STRUCTURAL REHABILITATION OF HISTORICAL AND MODERN BUILDINGS. An interdisciplinary scientific approach is encouraged.</p> <p>For more information: http://www.unibs.it/dipartimenti/ingegneria-civile-architettura-territorio-ambiente-e-matematica/dottorato</p>
Admission requirements	<p>A 5-year university degree, such as Laurea Specialistica, Laurea Magistrale achieved in Italy; for PhD admission only, the equivalence of degrees awarded abroad will be assessed by the selection board.</p> <p>Any equivalent academic degree obtained from foreign Universities: a Master degree is required.</p> <p>Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018. These candidates are required to provide the average grade of examinations passed during the course.</p>
Number of regular available positions	n. 7 (n. 5 positions with scholarship + n. 2 positions without a scholarship).
Number of scholarships	n. 5 financed by the University of Brescia.
Scholarships linked to a research topic	n. 1 financed by the University of Brescia, reserved to candidates who obtained their University academic qualification from a non-Italian University, having a specific research topic about "Valorization of resources from residues in the circular economy context".
Reserved scholarships	n. 1 financed by the University of Brescia having a specific research topic about " <i>Valorization of resources from residues in the circular economy context</i> ", reserved to candidates that obtained their University academic qualification from a non-Italian University.
Selection procedure for ordinary positions	
Evaluation of Curriculum Vitae	<p>Academic Degree: up to 10 points;</p> <p>For candidates under graduation condition, at most 10 points will be assigned, according to the following criterion: average mark (100-102) /110 = 2 points; (103-104) / 110= 3-4 points; 105-106 = 5-6 points; 107-108 = 7-8 points; 109-110 = 9-10 points. Further qualifications: up to 10 points.</p>

Written examination	<p>Candidates will have to submit a research project pertinent to one of the following topics:</p> <p>APPROPRIATE METHODOLOGIES AND TECHNIQUES FOR INTERNATIONAL DEVELOPMENT CO-OPERATION</p> <p>- <u>Technology track</u>: With reference to the Sustainable Development Goals (SDGs), the candidate should describe the main problems related to the solid wastes management in resource limited countries. The candidate should therefore hypothesize a specific problem in a low-income context, chosen by the candidate, and develop a research project aimed at identifying appropriate solutions for solid waste management according to SDGs. The proposed research project must include the objectives, the methodology and expected results.</p> <p>- <u>Health track</u>: with reference to the Sustainable Development Goal (SDG) n. 3 (Ensure healthy lives and promote wellbeing for all at all ages), and in particular target 3.2. (By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases), the candidate is required to describe the control measures of major epidemics (with particular regard to HIV, tuberculosis and malaria) in low-income Countries. After proposing a specific case-scenario - at the candidate's choice - the candidate is required to prepare a research project targeted at identifying specific solutions aimed at achieving the 3.3. Target of SDG n. 3 in the proposed low-income scenario. The proposed research project must include the objectives, the methodology and expected results.</p> <p>NATURAL RISKS ASSESSMENT AND MANAGEMENT</p> <p>- Sustainable water resources management, control and consumption in the context of the climate variability.</p> <p>- Free surface flows and hydraulic hazard.</p> <p>URBAN PLANNING AND MOBILITY</p> <p>- Historical heritage protection in spatial planning</p> <p>- Analytical methods for road accidents in urban area.</p> <p>MATHEMATICAL METHODS AND MODELS FOR ENGINEERING</p> <p>- Partial differential equations for the description of physical phenomena. The candidate is required to describe some analytical methods for the qualitative study of solutions, and techniques for their numerical</p>
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	<p>simulation.</p> <ul style="list-style-type: none"> - Methods for the mechanics of solids and fluids. The candidate shall describe modern applications and/or analytical and computational methods that he/she aims at developing in the PhD program. <p>STRUCTURAL REHABILITATION OF HISTORICAL AND MODERN BUILDINGS</p> <ul style="list-style-type: none"> - The candidate should discuss a research proposal concerning a novel technique for the strengthening of existing buildings. - The candidate should discuss a research proposal concerning the utilization of high performance cementitious or non-cementitious materials for structural rehabilitation of existing buildings. <p>*****</p> <p>The project should be clearly related to one of the above-mentioned curricula. The project presented for the admission procedure, however, does not bind the choice of the candidate's future PhD project, once admitted to the Ph.D. program. The project should be no more than 25000 characters long, and structured as follows:</p> <ul style="list-style-type: none"> - 1. Author - 2. Title - 3. A brief literature review - 4. Motivations behind the research - 5. Hypotheses and research design - 6. Methods and tools - 7. References. <p>*****</p> <p>Maximum score: 40 points. Minimum score to access to the oral exam: 24 points. *****</p> <p>The paper must be uploaded on-line upon submission of the application.</p>
Oral examination	<p>The oral exam will focus on the main curriculum topics and on the research project, with a maximum of 40 points.</p> <p>Minimum score to access the oral exam: 24 points. Candidates must take the oral exam at the Department of Civil, Environmental, Architectural Engineering and Mathematics (DICATAM), located in via Branze n. 43, Brescia (Italy). The oral exam via Skype (or similar platforms) is reserved to candidates who do not have a permanent address, or do not have their domicile in Italy, according to the rules provided in the Call for applications (ref. Art. 6, paragraph 4); as well as to those candidates having serious, and well-documented reasons (e.g.: because they live in a non-EU country for which they need a visa, because they are hospitalized in health facilities, because are very far from the city of Brescia, etc.). In any case,</p>

	<p>the selection board is the sole body that grants the possibility for a candidate to take an oral exam via teleconference. Candidates wishing to have their oral exam via teleconference must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly filled in and signed, providing also their Skype (or similar platforms) contact.</p> <p>Moreover, candidates who cannot attend the oral exam in person and are under the conditions specified above need to provide documents proving their impossibility to attend the oral exam.</p>
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	<p>of Academic Degree: up to 10 points; For candidates under graduation condition, at most 10 points will be assigned, according to the following criterion: average mark (100-102) / 110= 2 points; (103-110) / 110= 3-10 points. Further qualifications: up to 10 points.</p>
Written examination	<p>The candidate should illustrate, in relation to the current regulatory framework, the main problems related to the management of special wastes by analysing the solutions for the recovery of material and energy resources. The candidate should describe some significant case studies related to the international experience, highlighting the advantages and disadvantages. After identifying a specific type of waste, the candidate should develop a research proposal aimed at verifying the feasibility of material and/or energy recovery solutions. The proposed research project must include the objectives, the methodology and expected results.</p> <p>*****</p> <p>The project should be no more than 25000 characters long, and structured as follows:</p> <ul style="list-style-type: none"> - 1. Author - 2. Title - 3. A brief literature review - 4. Motivations behind the research - 5. Hypotheses and research design - 6. Methods and tools - 7. References. <p>*****</p> <p>Maximum score: 40 points. Minimum score to access to the oral exam: 24 points. *****</p> <p>The paper must be uploaded on-line upon submission of the application.</p>
Oral examination	<p>The oral exam will focus on the main curriculum topics and on the research project, with a maximum of 40 points.</p>

	<p>Minimum score to access the oral exam: 24 points.</p> <p>Candidates who apply for the reserved positions will have the option to take the oral exam at the Department of Civil, Environmental, Architectural Engineering and Mathematics (DICATAM), located in via Branze n. 38, Brescia (Italy); or to take the oral exam by a telematics platform (Skype, for instance). The oral exam via teleconference is reserved to candidates who do not have a permanent address, or do not have their domicile in Italy, according to the rules provided in the Call for applications (ref. art. 6, paragraph 4); it is also reserved to those candidates with permanent address and domicile in Italy having serious and well-documented reasons (e.g.: because they are hospitalized in health facilities, because are very far from the city of Brescia, etc.). In any case, the selection board is the sole body that grants the possibility for a candidate to take an oral exam via teleconference in these cases.</p> <p>These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly filled in and signed, providing also their Skype (or similar platform) contact.</p> <p>Moreover, candidates with permanent address and domicile in Italy, who cannot attend the oral exam in person and are under the conditions specified above, need to provide documents proving their impossibility to attend the oral exam.</p>
Place and date of exam	<p>The date/time of the oral examination will be published on the official website of the University at least 20 days before it takes place.</p> <p>The oral examination will take place at the Department of Civil, Environmental, Architectural Engineering and Mathematics, located in via Branze n. 38, Brescia (Italy) or, if granted by the selection board when requested by the right holders, a remote interview will take place in the same day and at the same time.</p>
Contact for information	<p>Curriculum on "NATURAL RISKS ASSESSMENT AND MANAGEMENT": giovanna.grossi@unibs.it;</p> <p>Curriculum on "URBAN PLANNING AND MOBILITY": michele.pezzagno@unibs.it;</p> <p>Curriculum on "MATHEMATICAL METHODS AND MODELS FOR ENGINEERING": riccarda.rossi@unibs.it;</p> <p>Curriculum on "APPROPRIATE METHODOLOGIES AND TECHNIQUES FOR INTERNATIONAL DEVELOPMENT COOPERATION": sabrina.sorlini@unibs.it;</p> <p>Curriculum on "STRUCTURAL REHABILITATION OF</p>

	HISTORICAL AND MODERN BUILDINGS": fausto.minelli@unibs.it.
Teaching and research activity	http://www.unibs.it/dipartimenti/ingegneria-civile-architettura-territorio-ambiente-e-matematica/dottorato

PhD PROGRAM IN INFORMATION ENGINEERING	
Scientific areas	09 - Industrial and Information Engineering 01 - Mathematical and Information Sciences 02 - Physical Sciences
Macro areas	09/E - INGEGNERIA ELETTRICA, ELETTRONICA E MISURE 09/F - INGEGNERIA DELLE TELECOMUNICAZIONI E CAMPI ELETTROMAGNETICI 09/G - INGEGNERIA DEI SISTEMI E BIOINGEGNERIA 09/H - INGEGNERIA INFORMATICA 01/A - MATEMATICA 01/B INFORMATICA 02/B - FISICA DELLA MATERIA 02/A - FISICA DELLE INTERAZIONI FONDAMENTALI
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Information Engineering (DII)
Coordinator	Prof. Alfonso Emilio Gerevini
Curricula	<ul style="list-style-type: none"> - Curriculum in Electronic Engineering, Sensors and Instrumentation - Curriculum in Computer Science/Engineering and Control Systems - Curriculum in Telecommunication Engineering - Curriculum in Physical Sciences for Engineering <p>Curriculum descriptions available at http://drii.unibs.it</p> <p>NOTE: Candidates are requested to attach to their submitted admission form a written list, ordered by preference, of the curricula they are interested in. Otherwise, candidates admitted to the oral examination will have to provide the preference of curricula during the oral examination.</p>
Admission requirements	<p><u>Educational qualifications obtained in Italy:</u> Laurea degree (5 years) in the field of Information Engineering or Laurea Specialistica/Magistrale degree as listed in the following:</p> <p>LM-17 Physics ; LM-18 Computer Science;</p>

LM-20 Aerospace and Astronautic Engineering;
 LM-21 Biomedical Engineering;
 LM-22 Chemical Engineering;
 LM-25 Automation Engineering;
 LM-26 Safety Engineering;
 LM-27 Telecommunications Engineering;
 LM-28 Electrical Engineering;
 LM-29 Electronic Engineering;
 LM-30 Energy and Nuclear Engineering;
 LM-31 Management Engineering;
 LM-32 Computer Systems Engineering;
 LM-33 Mechanical Engineering;
 LM-35 Environmental Engineering;
 LM-40 Mathematics;
 LM-44 Mathematical Modelling for Engineering;
 LM-53 Materials science and engineering;
 LM-54 Chemical Sciences;
 LM-55 Cognitive Sciences;
 LM-58 Sciences of the Universe;
 LM-66 Computer Security;
 LM-70 Food Sciences and Technologies;
 LM-71 Sciences and Technologies of Industrial
 Chemistry;
 LM-72 Navigation Sciences and Technologies;
 LM-75 Environmental and Land Sciences;
 LM-82 Statistics;

Classes of second degrees:

20/S (Physics)
 23/S (Computer Science)
 25/S (Aerospace and Aeronautical Engineering)
 26/S (Biomedical Engineering)
 27/S (Chemical Engineering)
 29/S (Automation Engineering)
 30/S (Telecommunications Engineering)
 31/S (Electrical Engineering)
 32/S (Electronic Engineering)
 33/S (Energy and Nuclear Engineering)
 34/S (Engineering and Industrial Management)
 35/S (Computer Engineering)
 36/S (Mechanical Engineering)
 38/S (Environmental Engineering)
 45/S (Mathematics)
 50/S (Mathematics and Physics: Modelling for
 Engineering)
 61/S (Science and Engineering of Materials);
 62/S (Chemical Sciences);
 63/S (Cognitive Sciences);
 66/S (Sciences of the Universe);
 78/S (Food Sciences and Technologies);
 80/S (Navigation Sciences and Technologies);
 81/S (Sciences and Technologies of Industrial
 Chemistry);
 82/S (Environmental and Land Sciences and

	<p>Technology) 92/S (Statistics for Experimental Research) 100/S (Techniques and Methods for the Information Society)</p> <p><u>Educational qualifications obtained abroad:</u> University degree obtained after a total academic training length of at least 5 years, typically referred to as "Master of Science" (MS), which can be retained equivalent to the corresponding Italian academic level, i.e. Laurea degree (5 years) or Laurea Specialistica/Magistrale degree, for the sole purpose of admission. The relevance of the degree with respect to the curricula of this PhD program is a preferential qualification. Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018. These candidates are required to provide the average grade of examinations passed during the course.</p>
Number of positions	<p>Total number of available positions n. 8, namely:</p> <ul style="list-style-type: none"> - n. 7 unreserved positions - n.1 position reserved to candidates having achieved an eligible University qualification outside Italy;
Number of scholarships	<p>Total number of scholarships n. 6, of which:</p> <ul style="list-style-type: none"> - n. 5 scholarships for ordinary positions; - n. 1 scholarship reserved to a position for candidates having achieved an eligible University qualification outside Italy;
Selection procedure for ordinary positions	
Documentation and qualifications	<p>Maximum score for documentation and qualifications: 20/100.</p> <p>Eligible documentation:</p> <ul style="list-style-type: none"> - University curriculum, including the specification of the degree obtained or to be obtained, title and one-page summary of the Master thesis, and transcript of academic records, - Scientific publications, - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Research project proposal	<p>Maximum score for the research project proposal: 40/100.</p> <p>The research project proposal must be submitted online together with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD program. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (excluding spaces), and should be</p>

	<p>organized as follows:</p> <ol style="list-style-type: none"> 1. Author; 2. Title; 3. Summary of State-of-the-art; 4. Main motivations and goals of the proposed research proposal; 5. Detailed description of the research project; 6. Proposed scientific methodology; 7. Bibliographic references. <p>Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the oral exam.</p>
Oral examination	<p>Maximum score for the oral exam: 40/100.</p> <p>Interview in English that includes a discussion on the research project proposal presented; on the possible list of publications and qualifications presented by the candidate, and an oral evaluation of English language skills.</p> <p>Candidates may, upon request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4.</p> <p>These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating also their Skype contact, and allow assessment of their identity, including a copy of an identity document (e.g. passport).</p>
Selection procedure for reserved positions	
Documentation and qualifications	Same as for ordinary positions
Research project evaluation	Same as for ordinary positions
Oral examination	Same as for ordinary positions
Place and date of exam	This information will be communicated on the official University website at least 20 days before the oral exam takes place.
Contact for information	alfonso.gerevini@unibs.it ; Mrs. Rosaria Nardo - Secretariat Department of Information Engineering: rosaria.nardo@unibs.it
Teaching and research activity	http://drii.unibs.it ; https://www.unibs.it/didattica/dottorato-di-ricerca/dottorato-di-ricerca-ingegneria-dellinformazione

PhD PROGRAM IN	
MECHANICAL AND INDUSTRIAL ENGINEERING	
Scientific areas	All the scientific fields related to Mechanical

	Engineering and the curricula of the PhD program
Macro areas	09/A - Mechanical and Aerospace Engineering and Naval Architecture 09/B - Manufacturing, Industrial and Management Engineering. 09/C - Energy, Thermomechanical and Nuclear Engineering 09/D - Chemical and Materials Engineering 09/E - Electrical and Electronic Engineering and Measurements 09/G - Systems Engineering and Bioengineering 02/A - Physics of Fundamental Interactions 03/B - Inorganic Chemistry and Applied Technologies 13/A - Economics
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Mechanical and Industrial Engineering
Coordinator	Prof.Laura Eleonora Depero
Curricula	- Curriculum on basic research; - Industrial curriculum; - International curriculum. For information on the curricula, please consult the page: drimi.unibs.it
Admission requirements	Any equivalent academic degree to those listed above attained from foreign Universities. Moreover, specialist or Master's degree pursuant to the Italian University legal system preceding Ministerial Decree 509 of 3 November 1999, as modified with Ministerial Decree 270 of 22 October 2004 are eligible. Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018. These candidates are required to provide the average grade of examinations passed during the course.
Number of ordinary available positions	n. 7 (n. 5 positions with scholarship + n. 2 positions without a scholarship).
Number of scholarships	n. 5 financed by the University of Brescia.
Scholarships linked to a research topic	0
Reserved scholarships	n. 1 financed by the University of Brescia, reserved to candidates who obtained an eligible University academic qualification from a non-Italian University.
Selection procedure for ordinary positions	
Evaluation of Curriculum Vitae	Maximum score for documentation and qualifications: 20/100. Eligible documentation: - University curriculum, including the specification of the degree obtained or to be obtained, title and one-page summary of the Master thesis, and transcript of academic records,

	<ul style="list-style-type: none"> - Scientific publications; - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Written examination	<p>Maximum score for the research project proposal: 40/100.</p> <p>The research project proposal must be submitted on-line together with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD program. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (excluding spaces), and should be organized as follows:</p> <ol style="list-style-type: none"> 1. Author; 2. Title; 3. Summary of State-of-the-art; 4. Main motivations and goals of the proposed research proposal; 5. Detailed description of the research project; 6. Proposed scientific methodology; 7. Bibliographic references. <p>Only candidates who score at least 24 points in the evaluation of their Research proposal will be admitted to the oral exam.</p>
Oral examination	<p>Maximum score for the oral: 40/100.</p> <p>The oral exam will focus on the discussion of the academic and professional qualifications outlined by the candidate, on a thematic area of DRIMI and will be designed to assess the motivation and ability of the candidate to scientific research. The oral exam is inclusive of the evaluation of the knowledge of the English language.</p> <p>Candidates may carry out the interview at distance, via Skype, according to the rules provided in the Call for applications (ref. art. 6, paragraph 4).</p> <p>These candidates must enclose in their online application the form "ONLINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating also their Skype contact.</p> <p>Only candidates who score at least 24 points in the oral exam will be eligible for the PhD position.</p>
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	<p>Maximum score for documentation and qualifications: 20/100.</p> <p>Eligible documentation:</p> <ul style="list-style-type: none"> - University curriculum, including the specification of the degree obtained or to be obtained, title and one-page summary of the Master thesis, and transcript of academic records;

	<ul style="list-style-type: none"> - Scientific publications; - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process
Written examination	<p>Maximum score for the research project proposal: 40/100.</p> <p>The research project proposal must be submitted on-line together with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD program. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (excluding spaces), and should be organized as follows:</p> <ol style="list-style-type: none"> 1. Author; 2. Title; 3. Summary of State-of-the-art; 4. Main motivations and goals of the proposed research proposal; 5. Detailed description of the research project; 6. Proposed scientific methodology; 7. Bibliographic references. <p>Only candidates who score at least 24 points in the evaluation of their Research proposal will be admitted to the oral exam.</p>
Oral examination	<p>Maximum score for the oral: 40/100.</p> <p>The oral exam will focus on the discussion of the academic and professional qualifications outlined by the candidate, on a thematic area of DRIMI and will be designed to assess the motivation and ability of the candidate to scientific research. The oral exam is inclusive of the evaluation of the knowledge of the English language.</p> <p>Candidates may carry out the interview at distance, via Skype, according to the rules provided in the Call for applications (ref. art. 6, paragraph 4).</p> <p>These candidates must enclose in their online application the form "ONLINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating also their Skype contact.</p> <p>Only candidates who score at least 24 points in the oral exam will be eligible for the PhD position.</p>
Place and date of exam	The date/time of the oral examination will be published on the official website of the University at least 20 days before it takes place.
Contact for information	laura.depero@unibs.it
Teaching and Research activity	http://drimi.unibs.it/

PhD PROGRAM IN

TECHNOLOGY FOR HEALTH

Scientific areas	03 - Chemical Sciences; 05 - Biological Sciences; 06 - Medical Sciences; 09 - Industrial and Information Engineering.
Macro areas	03/B2; 05/D1; 05/G1; 06/A2; 06/E3; 06/F1; 06/I1; 06/M2; 09/A3; 09/D1; 09/E4; 09/F1; 09/F2; 09/G1; 09/G2; 09/H1
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	University of Brescia, Department of Information Engineering
Coordinator	Prof. Emilio Sardini
Curricula	There are no specific curricula.
Admission requirements	LM-6 Biologia; LM-7 Biotecnologie agrarie; LM-8 Biotecnologie industriali; LM-9 Biotecnologie mediche, veterinarie e farmaceutiche; LM-13 Farmacia e farmacia industriale; LM-17 Fisica; LM-18 Informatica; LM-21 Ingegneria biomedica; LM-22 Ingegneria chimica; LM-23 Ingegneria civile; 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-35 Ingegneria per l'ambiente e il territorio; LM-40 Matematica; LM-41 Medicina e chirurgia; LM-44 Modellistica matematico-fisica per l'ingegneria; LM-46 Odontoiatria e protesi dentaria; LM-47 Organizzazione e gestione dei servizi per lo sport e le attività Motorie; LM-54 Scienze chimiche; LM-61 Scienze della nutrizione umana; LM-67 Scienze e tecniche delle attività motorie preventive e adattate; LM-68 Scienze e tecniche dello sport; LM/SNT1 Scienze infermieristiche e ostetriche; LM/SNT2 Scienze riabilitative delle professioni sanitarie; LM/SNT3 Scienze delle professioni sanitarie tecniche; LM/SNT4 Scienze delle professioni sanitarie della prevenzione; 7/S (specialistiche in biotecnologie agrarie); 8/S (specialistiche in biotecnologie industriali); 9/S (specialistiche in biotecnologie mediche, veterinarie e farmaceutiche); 14/S (specialistiche in farmacia e farmacia industriale); 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

	<p>ingegneria elettronica); 34/S (specialistiche in ingegneria gestionale); 35/S (specialistiche in ingegneria informatica); 36/S (specialistiche in ingegneria meccanica); 38/S (specialistiche in ingegneria per l'ambiente e il territorio); 45/S (specialistiche in matematica); 46/S (specialistiche in medicina e chirurgia); 52/S (specialistiche in odontoiatria e protesi dentaria); 53/S (specialistiche in organizzazione e gestione dei servizi per lo sport e le attività motorie); 61/S (specialistiche in scienza e ingegneria dei materiali); 62/S (specialistiche in scienze chimiche); 69/S (specialistiche in scienze della nutrizione umana); 75/S (specialistiche in scienze e tecnica dello sport); 76/S (specialistiche in scienze e tecniche delle attività motorie preventive e adattative); 77/S (specialistiche in scienze e tecnologie agrarie).</p> <p>Candidates must have and present a University degree obtained, in Italy or abroad, after a total academic training length of - at least - 5 years, typically referred to as "Master of Science" (MS), which can be considered equivalent to the corresponding Italian academic level listed above by the board of this PhD program, for the sole purpose of the admission.</p> <p>Candidates whom are about to obtain a degree of the type above described can also apply but their admission is subject to the condition that they obtain the title by October 31st, 2018.</p>
Number of regular available positions	n. 7 (out of which n. 5 regular positions benefitting a scholarship and n. 2 regular positions not benefitting of a scholarship).
Number of scholarships	n. 5 funded by the University of Brescia
Scholarships linked to a research topic	No scholarships envisaged for specific research topic.
Reserved scholarships	n. 1 position with scholarship funded by the University of Brescia and reserved to candidates having an eligible qualification obtained in foreign Universities.
Selection procedure for regular positions	
Evaluation of Curriculum Vitae	<p>Preliminary, the Committee evaluates the Curriculum Vitae of the Candidate. The Candidate will be admitted to the qualifications evaluation, as a result of the positive relevance assessment between the Curriculum Vitae and the research areas of the PhD program.</p> <p>Evaluation score: 0-20 points as follows:</p> <p>a) Score of the Degree: 0-10 points or, in alternative, the list of the examinations with the relative scores;</p> <p>b) Publications: 0-4 points;</p>

	c) Other qualifications: 0-6 points.
Written examination	The maximum score for the evaluation of the research project proposal is 40 points. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the oral exam.
Oral examination	The oral examination includes a discussion on the presented research project proposal, on the possible candidate's list of publications and qualifications, and an oral evaluation of English language skills. The maximum score for the evaluation of the oral examination is 40 scores. The oral examination is considered passed unless the candidate has achieved a score of at least 20. Candidates may, upon request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating their Skype contact, too.
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	Preliminary, the Committee evaluates the Curriculum Vitae of the Candidate. The Candidate will be admitted to the qualifications evaluation, as a result of the positive relevance assessment between the Curriculum Vitae and the research areas of the PhD program. Evaluation score: 0-20 points as follows: a) Score of the Degree: 0-10 points or, in alternative, the list of the examinations with the relative scores; b) Publications: 0-4 points; c) Other qualifications: 0-6 points.
Written examination (research project)	The maximum score for the evaluation of the research project proposal is 40 points. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the oral exam.
Oral examination	Interview in English includes a discussion on the presented research project proposal, on the possible candidate's list of publications and qualifications, and an oral evaluation of English language skills. The maximum score for the evaluation of the oral examination is 40 scores. The oral examination is considered passed unless

	<p>the candidate has achieved a score of at least 20.</p> <p>Candidates participating in the competitive examination for the reserved positions may, upon request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating also their Skype contact.</p>
Required Documentation (Regular and Reserved Positions)	<p>Candidates must include in their application:</p> <ol style="list-style-type: none"> 1) A detailed Curriculum Vitae, including: <ul style="list-style-type: none"> • a title and summary of one page of the thesis (for undergraduates admitted conditionally, in the absence of the thesis, a draft of it signed by the supervisor); • the degree score, or, if they are obtaining the degree, a list of the examinations with the relative score; • any training experience (internships, thesis, double degrees) carried out abroad with a brief description of the performed activity; 2) A research project, which must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (including spaces), and should be formatted along this chapters: <ul style="list-style-type: none"> • Author • Title • Summary of State of the art • Detailed description of the research project • Bibliographic references. 3) Scientific publications (list and text), if available. 4) A brief statement to in which the candidate describes the motivations for the application to the chosen doctoral program. 5) Reference letters, if available. <p>Documents can be written in Italian or English.</p>
Place and date of exam	<p>Oral examination will take place at the Department of Information Engineering (Dipartimento di Ingegneria dell'Informazione) in Via Branze, 38 - Brescia. The date and time of the oral exam will be published on the University website at least 20 days before it takes place.</p>
Contact for information	<p>Mrs. Rosaria Nardo: Dipartimento di Ingegneria dell'Informazione - rosaria.nardo@unibs.it</p>
Teaching and research activity	<p>https://www.unibs.it/didattica/dottorato-di-ricerca/ingegneria/dottorato-di-ricerca-technology-health</p>

PhD PROGRAM IN MOLECULAR GENETICS, BIOTECHNOLOGIES AND EXPERIMENTAL MEDICINE	
Scientific areas	All the scientific fields related to Life Sciences and the curricula of the PhD program
Macro areas	02/D; 05/E; 05/F; 05/H; 05/I; 06/A; 06/C; 06/D; 06/G; 06/H; 06/M; 06/N.
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Giuseppina De Petro
Curricula	- Molecular Genetics Applied to Medical Sciences - Biotechnologies for the Health and the Environment - Forensic Medical Sciences http://www.unibs.it/education/phd-programmes/medicine-and-surgery-0
Admission requirements	LMG/01 University Degree in Law LM-6 Biology LM-7 Agricultural Biotechnologies LM-8 Industrial Biotechnologies LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies LM-13 Pharmacy and Industrial Pharmacy LM-18 Computing LM-21 Biomedical Engineering LM-22 Chemical Engineering LM-41 Medicine and Surgery LM-42 Veterinary Medicine LM-46 Dentistry and dental prostheses LM-54 Chemical Sciences LM-70 Food Sciences and Technologies Any equivalent academic degree to those listed above attained from foreign Universities. Moreover, specialist or Master's degree or Bachelor's degree pursuant to the Italian University legal system preceding Ministerial Decree 509 of 3 November 1999, as modified with Ministerial Decree 270 of 22 October 2004 are eligible. Undergraduates can apply for admission but they must have passed the degree examination by 31/10/2018. These candidates are required to provide the average grade of examinations passed during the course.
Number of overall	n. 8

available positions	
Number of scholarships	n. 6
Reserved scholarships	n. 3 positions with scholarship reserved to applicants having an eligible University Qualification achieved outside Italy (Master degree level).
Selection procedure for ordinary positions	
Evaluation of Curriculum Vitae	<p>Maximum score 25 as follows:</p> <ul style="list-style-type: none"> - Master Degree / Laurea Magistrale, Specialistica, etc. final score: maximum score 7. If a candidate is under graduation condition, the average grade of examinations passed during the University course will be considered. - in extenso publications and abstracts: maximum score 6; - other qualifications (specialization, master, lab training, conference attendance, language certificates, PhD qualifications, etc.): maximum score 6; - other activities (research, professional activities, etc.) that are relevant for the PhD program or one of the curricula: maximum score 6.
Oral examination	<p>The Oral exam has a maximum score of 75 points. For applicants with foreign Master degree the oral exam will be carried out in English. The oral exam is passed if the candidate obtains a mark of at least 45. The oral exam will focus on the discussion of the provided qualifications, on a thematic area of at least one of the curricula indicated by the candidate and will be designed to assess the motivation and ability of the candidate to scientific research. The oral exam is inclusive of the evaluation of the knowledge of the English language. Candidates may carry out the interview at distance, via Skype, according to the rules provided in the Call for applications (ref. art. 6, paragraph 4). These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating also their Skype contact.</p>
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	<p>Maximum score 25 as follows:</p> <ul style="list-style-type: none"> - Master Degree / Laurea Magistrale, Specialistica, etc. final score: maximum score 7. If a candidate is under graduation condition, the average grade of examinations passed during the University course will be considered. - in extenso publications and abstracts: maximum score 6;

	<p>- other qualifications (specialization, master, lab training, conference attendance, language certificates, PhD qualifications, etc.): maximum score 6;</p> <p>- other activities (research, professional activities, etc.) that are relevant for the PhD program or one of the curricula): maximum score 6.</p>
Oral examination	<p>The Oral exam has a maximum score of 75 points. For applicants with foreign Master degree the oral exam will be the carried out in English.</p> <p>The oral exam is passed if the candidate obtains a mark of at least 45.</p> <p>The oral exam will focus on the discussion of the provided qualifications, on a thematic area of at least one of the curricula selected by the candidate. It will be designed to assess the motivation and ability of the candidate to scientific research. The oral exam is inclusive of the evaluation of the knowledge of the English language.</p> <p>Candidates may carry out the interview at distance, via Skype, according to the rules provided in the Call for applications (ref. art. 6, paragraph 4).</p> <p>These candidates must enclose in their online application the form "ON-LINE ORAL ENTRANCE EXAMINATION FORM", downloadable from the website, duly completed and signed, indicating their Skype contact, too.</p>
Place and date of exam	This information will be communicated on the official University website at least 20 days before the oral exam takes place.
Contact for information	giuseppina.depetro@unibs.it
Teaching and research activity	http://www.unibs.it/education/phd-programmes/medicine-and-surgery-0

PhD PROGRAM IN

PRECISION MEDICINE

Scientific areas	02 - Physical Sciences, 05 - Chemical Sciences, 05 - Biological Sciences; 06 - Medical Sciences
Macro areas	02/B, 03/B, 03/D, 05/E, 05/F, 05/G, 06/A, 06/C, 06/D, 06/M
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Marco Presta
Curricula	NO
Admission requirements	The following University Degrees achieved in Italy:

	<p>LM-6 Biology LM-7 Agricultural Biotechnologies LM-8 Industrial Biotechnologies LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies LM-13 Pharmacy and Industrial Pharmacy LM-17 Physics LM-18 Informatics LM-41 Medicine and Surgery LM-54 Chemistry LM-55 Cognitive Sciences LM-60 Nature Sciences LM-61 Science of Human Nutrition LM-67 Science and Technology of Preventive and Adaptive Physical Activities LM/SNT2 Rehabilitation Sciences 6/S (Biology) 7/S (Agricultural Biotechnologies) 8/S (Industrial Biotechnologies) 9/S (Medical, Veterinary and Pharmaceutical Biotechnologies) 14/S (Pharmacy and Industrial Pharmacy) 20/S (Physics) 26/S (Biomedical Engineering) 46/S (Medicine and Surgery) 58/S (Psychology) 62/S (Chemistry) 63/S (Cognitive Sciences) 68/S (Nature Sciences) 69/S (Science of Human Nutrition).</p> <p>Any equivalent academic degree attained from Italian or foreign Universities; The Bachelor degree is not admitted; Undergraduates can apply for admission but they must have passed the degree examination by October 31, 2018. These candidates are required to provide the list of exams, with the average grade of examinations passed during the Course.</p>
Number of available positions	n. 8 (n. 2 positions are without scholarships)
Number of scholarships	n. 5 for ordinary positions
Scholarships linked to a research topic	n. 0
Reserved scholarships	n. 1 position with scholarship reserved to applicants having an eligible University Qualification achieved outside Italy (Master degree level).
Selection procedure for ordinary positions	
Evaluation of Curriculum Vitae	Maximal score: 30/100 - University degree final score: maximal score 10/100;

		<ul style="list-style-type: none"> - Average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by October 31, 2018): maximal score 10/100; - Publications: maximal score 8/100; - Presentations to scientific meetings: maximal score 6/100; - Other qualifications: specialization, educational courses and stages, conference attendance. English language certificates: maximal score 6/100; - two letters of recommendation.
Research proposal	project	<p>Maximal score: 10/100</p> <p>A proposal for a research project on a topic related to Precision Medicine must be enclosed to the application. The proposal, having a length of max. 1.500 words, to be drafted in English, has the sole purpose of evaluating the candidate's aptitude for research and will be subject of discussion during the oral examination. The proposal will not necessarily represent the topic of the research activity that will be carried out by the PhD student within the PhD program.</p>
Written examination		NO
Oral examination		<p>Maximal score: 60/100</p> <p>Interview on one of the thematic areas of the curriculum indicated by the candidate and on the research proposal included in the application; discussion on the provided qualifications; evaluation of the knowledge of English language; evaluation of communication skill and motivation to research. The oral examination is passed if the obtained score is no lower than 30/100.</p> <p>Candidates may, upon motivated request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. The computer of the candidate must be equipped with a webcam in order to ensure proper identification.</p> <p>Knowledge of the Italian language is not required for foreign candidates.</p>
Selection procedure for reserved positions		
Evaluation of Curriculum Vitae		<p>Maximal score: 30/100</p> <ul style="list-style-type: none"> - University degree final score: maximal score 10/100; - Average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by October 31, 2018): maximal score 10/100; - Publications: maximal score 8/100; - Presentations to scientific meetings: maximal score 6/100; - Other qualifications: specialization, educational courses and stages, conference attendance. English

	language certificates: maximal score 6/100; - two letters of recommendation.
Research project proposal	Maximal score: 10/100 A proposal for a research project on a topic related to Precision Medicine must be enclosed to the application. The proposal, having a length of max. 1.500 words, to be drafted in English, has the sole purpose of evaluating the candidate's aptitude for research and will be subject of discussion during the oral examination. The proposal will not necessarily represent the topic of the research activity that will be carried out by the PhD student within the PhD program.
Written examination	NO
Oral examination	Maximal score: 60/100 Interview on one of the thematic areas of the curriculum indicated by the candidate and on the research proposal included in the application; discussion on the provided qualifications; evaluation of the knowledge of English language; evaluation of communication skill and motivation to research. The oral examination is passed if the obtained score is no lower than 30/100. Candidates may, upon motivated request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. The computer of the candidate must be equipped with a webcam in order to ensure proper identification. Knowledge of the Italian language is not required for foreign candidates.
Place and date of exam	This information will be communicated later on the Website of the University of Brescia at least 20 days before the oral exam.
Contact information for	marco.presta@unibs.it
Teaching and research activity	https://www.unibs.it/didattica/dottorato-di-ricerca/precision-medicine

PhD PROGRAM IN	
BIOMEDICAL SCIENCES AND TRANSLATIONAL MEDICINE	
Scientific areas	05- Biological Sciences; 06-Medical Sciences
Macro areas	05/G; 06/M, 06/A, 06/D, 06/E, 06/F, 06/I
Duration	3 years
Starting date	November 1 st , 2018
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Mariacristina Missale
Curricula	Neuroscience Oncology and Immunology

	<p>Pharmacology and Microbiology</p> <p>https://en.unibs.it/education/phd-programmes/medicine-and-surgery/biomedical-sciences-and-translational-medicine</p>
Admission requirements	<p>The following University Degrees achieved in Italy:</p> <p>LM-6 Biology LM-7 Agricultural Biotechnologies LM-8 Industrial Biotechnologies LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies LM-13 Pharmacy and Industrial Pharmacy LM-17 Physics LM-18 Informatics LM-21 Biomedical Engineering LM-41 Medicine and Surgery LM-42 Veterinary Medicine LM-51 Psychology LM-55 Cognitive Sciences LM-61 Science of Human Nutrition LM-67 Science and Technology of Preventive and Adaptive Motor Activities.</p> <p>6/S (Biology) 7/S (Agricultural Biotechnologies) 8/S (Industrial Biotechnologies) 9/S (Medical, Veterinary and Pharmaceutical Biotechnologies) 14/S (Pharmacy and Industrial Pharmacy) 20/S (Physics) 26/S (Biomedical Engineering) 46/S (Medicine and Surgery) 47/S (Veterinary Medicine) 58/S (Psychology) 63/S (Cognitive Sciences) 69/S (Science of Human Nutrition).</p> <p>Any equivalent academic degree attained from Italian or foreign Universities;</p> <p>The Bachelor degree is not admitted; Undergraduates can apply for admission but they must have passed the degree examination by October 31, 2018. These candidates are required to provide the list of exams, with the average grade of examinations, passed during the Course.</p>
Number of available positions	n. 8 (n. 2 positions are without scholarships)
Number of scholarships	n. 5
Scholarships linked to a research topic	NO
Reserved scholarships	n. 1 position with scholarship reserved to applicants having an eligible University Qualification achieved outside Italy (Master

	degree level).
Selection procedure for regular positions	
Evaluation of Curriculum Vitae	<p>Maximal score: 30/100</p> <ul style="list-style-type: none"> - University degree final score: maximal score 10; - Average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by October 31, 2018): maximal score 10; - Publications: maximal score 8; - Presentations to scientific meetings: maximal score 6; - Other qualifications: specialization, educational courses and stages, conference attendance, English language certificates: maximal score 6
Written examination	NO
Oral examination	<p>Maximal score: 70/100</p> <p>Interview on one of the thematic areas of the curriculum indicated by the candidate; discussion on the provided qualifications; evaluation of English knowledge; evaluation of communication skill and motivation to research. The oral examination is passed if the obtained score is no lower than 30.</p> <p>Candidates may, upon motivated request, be allowed to be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. The computer of the candidate must be equipped with a webcam in order to ensure proper identification.</p> <p>Knowledge of the Italian language is not required for foreign candidates.</p>
Selection procedure for reserved positions	
Evaluation of Curriculum Vitae	<p>Maximal score 30/100</p> <ul style="list-style-type: none"> - University degree final score: maximal score 10; - Average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by October 31, 2018): maximal score 10; - Publications: maximal score 8; - Presentations to scientific meetings: maximal score 6; - Other qualifications: specialization, educational courses and stages, conference attendance, English language certificates: maximal score 6
Written examination	NO
Oral examination	<p>Maximal score 70/100</p> <p>Interview on one of the thematic areas of the curriculum indicated by the candidate;</p>

	<p>discussion of the provided qualifications; evaluation of the knowledge of English language; evaluation of presentation and communication skill and motivation to research. The oral examination is passed if the obtained score is no lower than 30.</p> <p>Candidates will be interviewed remotely with the use of a video conference application (e.g. Skype), according to the rules provided in the Call, art. 6, paragraph 4. The computer of the candidate must be equipped with a webcam in order to ensure proper identification. Knowledge of the Italian language is not required for foreign candidates.</p>
Place and date of exam	This information will be communicated later on the Website of the University of Brescia at least 20 days before the oral exam.
Contact for information	mariacristina.missale@unibs.it
Teaching and research activity	<p><u>https://en.unibs.it/education/phd-programmes/medicine-and-surgery/biomedical-sciences-and-translational-medicine</u></p> <p><u>http://www.farmacol.bs.it/pag/didattica-dottorato-di-ricerca-in-scienze-biomediche-e-medicina-traslazionale.asp</u></p>