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

ANNEX A - PhDs PROGRAMMES DATA SHEETS

PhD PROGRAMME IN ARTIFICIAL INTELLIGENCE IN MEDICINE AND INNOVATION IN CLINICAL RESEARCH AND METHODOLOGY	
Scientific areas	06 Medical Sciences; 05 Biological Sciences; 09 Industrial and Information Engineering; 13 Economic and Statistical Sciences; 01 Mathematical and Informatic Sciences
Macro areas	05/D; 05/H; 06/B; 06/D; 06/E; 06/F; 06/G; 06/I; 06/L; 06/M; 09/D; 09/E; 09/F; 13/A; 01/B
Duration	3 years
Starting date	**April 1st , 2025**
Proponent Structure	Department of Clinical and Experimental Sciences
Coordinator	Prof. Domenico Russo
Curricula	- Artificial Intelligence in Medicine - Regenerative Medicine - Innovation in Clinical Research and Methodology
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-16 Finanza LM-17 Fisica LM-18 Informatica LM-21 Ingegneria biomedica LM-22 Ingegneria chimica 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-32 Ingegneria informatica LM-33 Ingegneria meccanica LMG/01 in Giurisprudenza LM-40 Matematica LM-41 Medicina e chirurgia LM-42 Medicina veterinaria LM-43 Metodologie informatiche per le discipline umanistiche LM-44 Modellistica matematico-fisica per l'ingegneria LM-46 Odontoiatria e protesi dentaria LM-51 Psicologia LM-52 Relazioni internazionali LM-53 Scienza e ingegneria dei materiali LM-54 Scienze chimiche LM-55 Scienze cognitive LM-56 Scienze dell'economia

	LM-60 Scienze della natura
	LM-61 Scienze della nutrizione umana
	LM-66 Sicurezza informatica
	LM-67 Scienze e tecniche delle attività motorie preventive e adattate
	LM-70 Scienze e tecnologie alimentari
	LM-71 Scienze e tecnologie della chimica industriale
	LM-77 Scienze economico-aziendali
	LM-78 Scienze filosofiche
	LM-82 Scienze statistiche
	LM-83 Scienze statistiche attuariali e finanziarie
	LM-86 Scienze zootecniche e tecnologie animali
	LM-90 Studi europei
	LM-91 Tecniche e metodi per la società dell'informazione
	LM-92 Teorie della comunicazione
	LM-93 Teorie e metodologie dell'e-learning e della media education
	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
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.
	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 3 posts** benefiting of a scholarship
Posts linked to a research topic	**(CODE G)**
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship financed by the Programme "DSCS_DIPARTIMENTO_ECCELLENZA_2023_2027", under the responsibility of prof. Giovanni Mirabella, Dipartimento di Scienze Cliniche e Sperimentali, having the research topic on "*How do we react to emotional stimuli in a virtual reality environment? Study of behavioral correlates and autonomic indices associated with the phenomenon of task-relevance of emotions*"
	(CODE H)
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship financed by the Programme

“DSCS_DIPARTIMENTO_ECCELLENZA_2023_2027”, under the responsibility of prof. prof. Francesco Negro and Dr. Danilo Iannetta, Dipartimento di Scienze Cliniche e Sperimentali, having the research topic on “*Evaluation of the neuromechanical and metabolical trajectories in the chronically diseased patient*” - *Piattaforma DIPECC Neuroscienze Avanzate – Azione 2.1 Neuroscienze di base e Azione 2.2 Neuroscience Cliniche*”

(CODE I)
n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship financed by the Programmes “COM__2023_FATEBENEFRATELLI_NEGRO e 2024_PRIN_2022_SCORR_BRIGNANI_DSCS”, under the responsibility of prof. Debora Brignani, Dipartimento di Scienze Cliniche e Sperimentali, having the research topic on “*Neural basis of pseudoneglect in healthy young adults: role of interregional and intraregional connectivity*”.

Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	Preliminary, the Board of Examiners 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 Programme. Evaluation score: 0-20 points as follows: - Undergraduate University degree final score: 0-10 points or average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by the start date of the PhD Programme activities; - Publications: 0-4 points; - Other qualifications: 0-6 points.
Evaluation of a project proposal	Evaluation of the research project proposal: 0 - 40 points. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	The interview includes to discuss about the research project proposal that the candidate presents, the candidate's list of publications and qualifications. The scores granted at the interview: 0 - 40 points The interview is passed if a candidate achieves a score of at least 20 points. For candidates who do not understand Italian language, the interview will be held in English language. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 8, paragraphs 6 and 7 of the Call for Admission.
Place and date of the interview	The date (and, if needed, the place) of the interview will be published at least 10 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Professor Domenico Russo, Department of Clinical and Experimental Sciences, email: domenico.russo@unibs.it
PhD Teaching and research activity	https://permalink.unibs.it/phd/iamed/en

PhD PROGRAMME IN INFORMATION ENGINEERING

Scientific areas	09 – Industrial and Information Engineering; 01 – Mathematical and Information Sciences; 02 – Physical Sciences; 03 – Chemical Sciences
Macro areas	01/A Mathematics 01/B Computer Technology 02/B Physics of Matter 02/A Physics of Fundamental Interactions 03/A - Analytical, Physical-chemistry 03/B - Inorganic-technological 03/C - Organic-Industrial 05/E - Biochemistry and experimental and clinical molecular biology 07/E – Chemistry and agricultural genetics 09/E Electrical Engineering, Electronics and Measures 09/F Telecommunications Engineering and Electromagnetic Fields 09/G Systems and Bio Engineering 09/H Computer Engineering
Duration	3 years
Starting date	**April 1st, 2025**
Proponent Structure	University of Brescia, Department of Information Engineering
Coordinator	Prof. Ivano Alessandri
Curricula	- Curriculum in Electronic Engineering, Sensors and Instrumentation - Curriculum in Computer Science/Engineering and Control Systems - Curriculum in Telecommunication Engineering - Curriculum in Physical, Chemical and Mathematical Sciences for Engineering 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 interview shall express their preference of curricula at the interview.
Admission requirements	All types of University degree. A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted**. Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.

	Preferential requirement is the relevance of the undergraduate University Degree awarded in the topics of the PhD Programme of Information Engineering.
Total number of posts available	**n. 1 post** benefiting of a scholarship
Posts linked to a research topic	**(CODE H)** **n. 1 ordinary post** for EU and non-EU candidates benefiting of a three-year scholarship financed by the project "Sustainable Mobility Center MOST" (CN4 - CUP D83C22000690001), Spoke n° 5 "Light Vehicles and Active Mobility", under the responsibility of prof. Alessandra Flammini, Dipartimento di Ingegneria dell'Informazione, having the research topic on "*Sistemi ICT per stazioni di ricarica di veicoli elettrici / ICT systems for electric vehicle charging stations*".
Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	Maximum score: 20/100 Eligible documentation: - University curriculum, including the specification of the degree achieved or to be achieved, title and one-page summary of the Master thesis, and transcript of academic records taken to obtain the degree and specialist/master's degree or, for candidates with eligible title obtained in a non-Italian University, a document analogous and equivalent to the Master thesis. - Previous study experience in prominent international research centers - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Evaluation of a project proposal	Maximum score for the research project proposal: 40/100 The research project proposal must be submitted online jointly 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 Programme. 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: 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. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	Maximum score for the interview: 40/100 Interview includes to discuss on the research project proposal the candidates' present; on the possible list of publications and qualifications presented by the candidate, and an oral evaluation of English language skills. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 8, paragraphs 6 and 7 of the Call for Admission.
Place and date of the	The date (and, if needed, the place) of the interview will be published at least

interview	10 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Ivano Alessandri: ivano.alessandri@unibs.it; Mrs. Rosaria Nardo – Secretariat Department of Information Engineering: rosaria.nardo@unibs.it
PhD Teaching and research activity	https://permalink.unibs.it/phd/drii/site https://permalink.unibs.it/phd/drii/en

PhD PROGRAMME IN TECHNOLOGY FOR HEALTH	
Scientific areas	03 - Chemical Sciences; 05 - Biological Sciences; 06 - Medical Sciences; 09 - Industrial and Information Engineering.
Macro areas	03/B2; 03/D2 05/D1; 05/G1; 06/A2; 06/E3; 06/F1; 06/I1; 06/M2; 09/D1; 09/E4; 09/F1; 09/F2; 09/G1; 09/G2; 09/H1
Duration	3 years
Starting date	**April 1st, 2025**
Proposing Structure	Department of Information Engineering
Coordinator	Prof. Mauro Serpelloni
Curricula	Not envisaged
Admission requirements	LM-6 Biologia; LM-7 Biotecnologie agrarie; LM-8 Biotecnologie industriali; LM-9 Biotecnologie mediche, veterinarie e farmaceutiche; LM-12 Design; LM-13 Farmacia e farmacia industriale; LM-17 Fisica; LM-18 Informatica; LM-20 Ingegneria aerospaziale e astronautica; 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-53 Scienza e Ingegneria dei Materiali; LM-54 Scienze chimiche; LM-60 Scienze della Natura; LM-61 Scienze della nutrizione umana; LM-66 Sicurezza Informatica; LM-67 Scienze e tecniche delle attività motorie preventive e adattate; LM-68 Scienze e tecniche dello sport; LM-69 Scienze e tecnologie agrarie; LM-70 Scienze e tecnologie alimentari; LM-71 Scienze e tecnologie della chimica industriale; LM-74 Scienze e tecnologie geologiche; LM-75 Scienze e tecnologie per l'ambiente e il territorio; LM-79 Scienze geofisiche; LM-82 Scienze statistiche; 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. A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees

	awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted**. Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 2 posts** benefiting of a scholarship
Posts linked to a research topic	**(CODE F)** **n. 1 ordinary post** for EU and non-EU candidates benefiting of a three-year scholarship financed by the company / technological infrastructure LIGHT S.C.A.R.L. Light – Innovation in Life Science, having the research topic on "*Multimodal AI systems for imaging and bioimaging applications in pre-clinical and diagnostic fields*" **(CODE G)** **n. 1 ordinary post** for EU and non-EU candidates benefiting of a three-year scholarship financed by the project funds "IMI H2020 IDEA-FAST" (Ref. Prof. Andrea Pilotto, Dipartimento di Scienze Cliniche e Sperimentali), having the research topic on "*Complex mathematical modeling of digital data for fatigue and sleep assessment in neurodegenerative and inflammatory diseases*"
Selection Procedure	
Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.	Preliminarily, the Board of Examiners will evaluate the candidates' Curriculum Vitae. 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 Programme. Evaluation score: 0-20 points as follows: a) Score of the Degree: 0-10 points or, in alternative, if the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be taken into consideration. b) Publications: 0-4 points. c) Other qualifications: 0-6 points
Evaluation of a project proposal	The maximum score: 0 - 40 points Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview. For the posts linked to a research topic, the coherence between the proposed project and the topic itself will also be assessed.
Additional Documentation Required	Candidates must include in their application: 1) A detailed Curriculum Vitae, including: • 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), or a document similar to the university thesis drawn up during the foreign university course for candidates with an

	admissible qualification obtained in a non-Italian university; • 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, having a maximum length of 25.000 characters (including spaces), and should be formatted as follows: • Author • Title • Summary of State of the art • Detailed description of the research project • Bibliographic references. 3) List of the scientific publications. 4) A brief statement in which the candidate describes the scientific interest and the motivations for the application to the doctoral program. 5) Reference letters, if available. The documents required must be written in English language.
Interview	The Interview includes an assessment 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 Interview is 0 - 40 points. The Interview is considered passed unless the candidate has achieved a score of at least 20. Applicants may be allowed to be interviewed remotely by video conference, pursuant to the prescriptions envisaged by Article 8, paragraphs 6 and 7 of the Call for Admission.
Place and date of the interview	The date (and, if needed, the place) of the interview will be published at least 10 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Academic contact information of the PhD Programme	Mrs. Rosaria Nardo, Department of Information Engineering, e-mail: rosaria.nardo@unibs.it
Teaching and research PhD activity	https://permalink.unibs.it/phd/t4h/en https://permalink.unibs.it/phd/t4h/site