



ADVANCED RESEARCH IN ECONOMICS AND MANAGEMENT	
CYCLE	XLII
COORDINATOR	Prof. Fabrizio LAURINI email: fabrizio.laurini@unipr.it Department of Economics and Management
DURATION	3 years
START DATE	01/11/2026
PARTNER INSTITUTIONS	<ul style="list-style-type: none">University Cattolica del Sacro Cuore
POSITIONS AVAILABLE	5
ADMISSION PROCEDURE	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">a Master's degree (Laurea Magistrale or equivalent);a degree awarded under the previous Italian system;an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD in Advanced Research in Economics and Management is a highly qualified, three-year programme designed to cultivate researchers who possess the methodological rigour and innovative vision necessary to address the challenges posed by research in the economic and managerial sciences. The course is a progression from the previous PhD in Economics and Management of Innovation and Sustainability, building on the strengths of that programme and incorporating opportunities for improvement. This enhancement is facilitated by the active involvement of PhD students and stakeholders.</p> <p>The programme provides doctoral students with a robust interdisciplinary foundation, sophisticated analytical instruments and competencies in qualitative-quantitative methodologies, thereby orienting them towards the establishment of profiles that can contribute to both scientific advancement within the academic domain and the development of research activities in public institutions, private companies and international organisations. The didactic framework in its entirety is conceived with the objective of honing the critical spirit, consolidating project management and fostering the participants' scientific autonomy. The organisation of the doctoral programme is developed along three main axes, which define the overall framework of the training experience.</p> <ul style="list-style-type: none">Methodological training: The doctoral students will acquire advanced skills in economic and managerial analysis, focusing on both quantitative methods and qualitative analysis. The programme places particular emphasis on computational techniques and tools for collecting, processing and interpreting data.Disciplinary specialisation: Each doctoral student is assigned to a research group that aligns with their academic discipline, thereby facilitating a tailored and comprehensive training programme aimed at cultivating a dissertation that is both scientifically robust and innovative.International experience: Participation in research programmes at foreign universities and centres of excellence is strongly encouraged, with the aim of fostering comparison with advanced methodologies and integration into international scientific networks. <p>The training path is articulated in the following phases:</p> <ul style="list-style-type: none">Year 1, acquisition of core research competencies and definition of the dissertation project;Year 2, development of the dissertation and a visiting research period at international universities or research centres;Year 3, completion of the dissertation and participation in national and international scientific conferences.	



RESEARCH AREAS	
<ul style="list-style-type: none"> • Innovation and competitiveness: industrial policies and sustainable growth models • Branding and value creation: impact of innovation on marketing and consumer behaviour • Corporate governance and innovation: new models of control and performance measurement • Corporate finance: capital structure, investment strategies and risk management • Innovation and sustainability in agrifood supply chains • Ethics and sustainability in the relations between economy, business and society • Other research topics consistent with the scientific field of the members of the PhD Academic Board 	

Position with Scholarship		
N°	Funding entity	Research Area, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
2	University Cattolica del Sacro Cuore	
1	Fully funded by Cariparma Foundation	

ADMISSION ASSESSMENT
<p>Assessment of QUALIFICATIONS: up to 60 points (a minimum score of 40 points shall be required to be admitted to the Oral Exam)</p> <p>ORAL EXAM: up to 60 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>

ORAL EXAMINATION			
<p>THE ORAL EXAMINATION TAKES PLACE IN PERSON.</p> <p>The ORAL test involves the presentation and discussion of the research project by the candidate without the aid of any powerpoint presentation or other applications, and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research topics of the doctoral course.</p>			
<table border="1"> <tr> <td> Foreign Language the fluency of which shall be assessed during the Oral Exam </td> <td style="background-color: yellow;"> ENGLISH </td> <td> The verification of knowledge of this language will consist of reading and translating a scientific text in English. For foreign candidates, basic knowledge of the ITALIAN LANGUAGE will also be verified. </td> </tr> </table>	Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The verification of knowledge of this language will consist of reading and translating a scientific text in English. For foreign candidates, basic knowledge of the ITALIAN LANGUAGE will also be verified.
Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The verification of knowledge of this language will consist of reading and translating a scientific text in English. For foreign candidates, basic knowledge of the ITALIAN LANGUAGE will also be verified.	

SCHEDULE OF THE ADMISSION EXAMS		
ASSESSMENT OF QUALIFICATIONS		Candidates are responsible for checking the results of the evaluation of their qualifications through their personal online account https://unipr.esse3.cineca.it/Root.do in the days preceding the date of the oral examination. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAMINATION	DATE	9 th of September 2026
	TIME	10:00 AM (Italian Time)



	PLACE	ROOM D Department of Economics and Management Via J.F. Kennedy, 6 43125 PARMA - ITALY
ADDITIONAL INFORMATION		The choice of research area indicated in Annex A is not binding for the allocation of the PhD research topic, but serves to assess the candidate's competencies during the admission process. The PhD research topic will be assigned by the Academic Board .
		<table border="1"> <tr> <td style="background-color: #c6e0b4;">THE ORAL EXAMINATION MIGHT BE HELD IN ENGLISH</td> <td>Admission examinations may be conducted either in Italian or English, at the candidate's choice Foreign candidates will be required to demonstrate basic knowledge of Italian .</td> </tr> </table>
THE ORAL EXAMINATION MIGHT BE HELD IN ENGLISH	Admission examinations may be conducted either in Italian or English, at the candidate's choice Foreign candidates will be required to demonstrate basic knowledge of Italian .	

LIST OF DOCUMENTS TO BE SUBMITTED AND THEIR EVALUATION	
MANDATORY DOCUMENTS TO BE ATTACHED TO THE ONLINE APPLICATION	
Application form (ANNEX A)	(art. 3.2 of the Competition notice)
Identity Document	Scan of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second-cycle (Master's) degree thesis or, for applicants who have not yet graduated, of the draft thesis approved by the supervisor (max. approximately 10,000 characters including spaces, excluding bibliography)
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice):</p> <p>University that granted the degree - Type of degree (first cycle/second cycle/single cycle)</p> <p>Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications.</p> <p>It must focus on an original research topic (unpublished, developed personally by the candidate, PENALTY NOT EVALUATION. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project).</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>







LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications written in Italian or English will be considered valid and evaluated by the Selection Committee)		
Curriculum Vitae et studiorum	Including the candidate's academic record as well as post-degree experience, accompanied by a self-declaration certifying the examinations taken, the corresponding grades, and the final degree mark. Grades obtained in examinations and the final degree mark will constitute the most significant element in the evaluation.	Up to 10 points
Degree thesis	Congruence with the research topics of the PhD course and quality of the research methodology	Up to 15 points
Research Project	The project will be evaluated based on the scientific value, the originality of the proposal, the articulation, the feasibility of the proposal and the consistency with the themes of the doctorate.	Up to 22 points
Statement of Research Interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 6 points
Scientific Publications	Monographs, articles in scientific journals, chapters of books, convention papers. The assessment will be carried out with a view to accessing the PhD course and taking into account the degree of maturity required for the specific position. Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.	Up to 3 points
Other qualifications	Qualified professional experiences (in the case of professional experiences, continuous and lasting ones will be privileged - at least one semester - and will be evaluated only if they are recognized as functional to the acquisition of skills, experience and qualification in the research areas covered by the specific doctoral course); other academic qualifications (masters, advanced courses, at least two-monthly training courses provided by university-level training institutions or bodies); teaching, seminar or university training experiences.	Up to 4 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is aimed at assessing the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ knowledge of the foreign language ○ research project presentation ○ general knowledge of issues connected to the PhD course 	Up to 60 points



BIOTECHNOLOGY AND LIFE SCIENCE	
CYCLE	XLII
COORDINATOR	Prof.ssa Elena MAESTRI email: elena.maestri@unipr.it Department of Chemistry, Life Sciences and Environmental Sustainability
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	11
ADMISSION PROCEDURE	Assessment of QUALIFICATIONS Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The Ph.D. Course in Biotechnology and Life Sciences aims to train experts to carry out advanced research in the field of biological disciplines and biotechnology. The research topics of the Ph.D. Course are concerned with the study of the function, organization and expression of the genome of microbial, plant and animal organisms (including human beings), in order to deepen the basic knowledge, also with a view to possible applications in biotechnology. The methodologies used are mainly those of genomics, including functional genomics, genetics, molecular biology, biochemistry, applied biology and computational biology. Building on this common goal and a strongly cross-cutting advanced teaching activity, to train PhDs with highly qualifying skills in specific areas of Biotechnology and Life Sciences, three main areas of research have been identified as follows: 1) environmental biotechnologies; 2) genetic and evolutionary biotechnologies; and 3) molecular biotechnologies. PhD students will be involved full-time in a research project, to which they will also make critical and propositional contributions. In this way, they will acquire a marked scientific and managerial autonomy, also thanks to the numerous scientific collaborations, national and international, in which they will be involved.</p>	
RESEARCH AREAS	
<ul style="list-style-type: none">• Environmental biotechnologies• Genetic and evolutionary biotechnologies• Molecular biotechnologies	

Position with Scholarship		
N°	Funding entity	Research Area, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none">• Environmental biotechnology• Genetic and evolutionary biotechnology



Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza” COMP-R) 	RESEARCH TOPIC Molecular biotechnologies
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza” COMP-R) and by the Centre Biopharmanet TEC (funds Prof. Morselli) 	RESEARCH TOPIC Molecular biotechnology Transcriptome Engineering in Cell Line Models of Human Diseases
1	partially funded by University and Cariparma Foundation funds and co-funded by Consorzio Interuniversitario Nazionale per le Scienze Ambientali CINSA	RESEARCH TOPIC Environmental biotechnology Biotechnology applied to the identification of biomarkers for environmental exposure to nanoplastics
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Prof. Roberto Ferrari)	RESEARCH TOPIC Molecular biotechnology Identification of epigenetic vulnerabilities in hormone-sensitive tumors using CRISPR-Cas genome editing techniques
1	funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza” COMP-R) 	RESEARCH TOPIC Molecular biotechnology Transcriptional Regulation of Hormonal Balance and Secondary Metabolism by HD-ZIP II members, HAT3 and ATHB4, During Plant Development
1	funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza” COMP-R) 	RESEARCH TOPIC Molecular biotechnology A CYCLIN-Ps Hub Orchestrating Organ Development and Physiological Adaptation to Environmental Stress
1	funded by Chiesi Farmaceutici S.p.A.	RESEARCH TOPIC Molecular biotechnology Molecular characterization of a preclinical model of lung diseases

RESERVED POSITIONS	
Industrial PhD reserved for employees of the company Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna IZSLER “Bruno Ubertini” (with salary maintained)	2



ADMISSION PROCEDURES

Assessment of QUALIFICATIONS: up to 40 points
(a minimum score of 18 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 80 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

The **ORAL EXAM WILL BE HELD IN PRESENCE** and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons or with objective difficulties in reaching the exam location. To this end, candidates must submit a **motivated REQUEST** as per the model attached to the competition announcement)

The Oral Exam will focus on critical reading and discussion of a scientific article chosen by the candidate among those proposed by the Committee within the each of the three main research topics. Candidates will be asked by the Committee members to discuss and explain the contents of the scientific publication they have selected.

The choice of one or more of research topic must be indicated in the application form ANNEX A.

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in reading and translating of a scientific text or by taking the oral exam entirely in English.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

Candidates are responsible for checking the results of the evaluation of their qualifications through their personal online account <https://unipr.esse3.cineca.it/Root.do> in the days preceding the date of the oral examination.

Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.

ORAL EXAMINATION

DATE

2nd September 2026 (with possible extension in the following day)

TIME

09:00 am (Italian Time)

PLACE

ROOMS A + B and nearby classrooms
PODERE AMBOLANA MORONI
Parco Area delle Scienze, 33/A - Campus Universitario
43124 PARMA - ITALY

ADDITIONAL INFORMATION

The choice of research AREA to be expressed in Appendix A is **MANDATORY** and determines the topic of discussion for the oral exam. Multiple restricted TOPICS within THE SAME AREA may be chosen; the choice can even be made on the day of the oral exam.

The choice of research area indicated in Annex A is **not binding** for the allocation of the PhD research topic, but serves to assess the candidate's competencies during the admission process.

The PhD research topic will be assigned by the **Academic Board**.

THE ORAL EXAMINATION MAY ALSO BE HELD IN ENGLISH

For foreign candidates it is possible to carry out the admission examination exclusively in English. For Italian candidates it will be possible to take the admission examination in Italian or in English at the candidate's choice

LIST OF DOCUMENTS TO BE SUBMITTED AND THEIR EVALUATION



MANDATORY DOCUMENTS TO BE ATTACHED TO THE ONLINE APPLICATION		
Application form (ANNEX A)	(art. 3.2 of the Competition notice)	
Identity Document	Scan of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second-cycle (Master's) degree thesis or, for applicants who have not yet graduated, of the draft thesis approved by the supervisor (max. approximately 10,000 characters including spaces, excluding bibliography)	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications written in Italian or English will be considered valid and evaluated by the Selection Committee)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 5 points
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 20 points; - 110: 18 points; - From 103 to 109: points 4-16 (2 points for each mark unit); - Until 102: 3 points.	Up to 20 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the average of the exam marks: - 30/30: 18 points; - From 22/30 to 29/30: points 2-16 (2 points for each unit average score)	Up to 18 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics (briefly describe the topics in the curriculum vitae)	Up to 6 points
Scientific Publications	Publications in indexed international journals (WOS, Scopus): 2 points for each publication (for evaluation purposes it is mandatory to attach a pdf copy of each publication to the application)	Up to 6 points
Communications to conferences, publication in indexed national journals, book chapters	1 point for each conference abstract, publication in indexed national journals or book chapters (for evaluation purposes it is mandatory to attach a pdf copy of each term to the application)	Up to 3 points
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	The candidates will be summoned individually by the Examination Board to discuss the contents of the scientific publication they have selected from the proposals relating to the research topic. During this test, knowledge of the English language will also be assessed. The evaluation is based on the candidate's preparation and the critical sense demonstrated.	Up to 80 points



PHYSICS	
CYCLE	XLII
COORDINATOR	Prof.ssa Raffaella BURIONI email: raffaella.burioni@unipr.it Department of Mathematical, Physical and Computer Sciences
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	5
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD Program in Physics, which lasts three years, is established as a unifying element for all third-level university education in the field of Physics. In addition to the primary focus on research activities, the program includes a training and study component consisting of advanced courses and participation in national and international schools. Students are encouraged to spend part of their time abroad to engage in scientific collaborations in their respective fields of interest and to attend advanced courses relevant to their research program. Over the course of the three years, the teaching commitment is gradually reduced in favor of full-time independent research activity. The training progress is evaluated at the end of each year through open seminars. Independent scientific research is expected to lead to the publication of results in international peer-reviewed journals. The target of the PhD in Physics is to provide high-level professional training that can be applied both in academic settings and in public or private research centers and laboratories. The PhD in Physics is structured into three specializations, corresponding to the main disciplinary groups within the Physical Sciences in which the Department of Mathematical, Physical and Computer Sciences carries out its research activities: Condensed Matter and Materials Physics, Theoretical Physics, Biophysics and Applied Physics.</p>	
RESEARCH AREAS	
<ul style="list-style-type: none">• Multiferroic heterostructures for electrical control of magnetism and quantum transport (Bound Research Topic)• Modeling Chirality-Induced Spin Selectivity in Electron Transfer for Quantum Applications (Bound Research Topic)• Non-fullerene acceptors for efficient vacuum-processed organic photovoltaic (Bound Research Topic)• New aspects and applications of field theories (Bound Research Topic)• Archaeometric analysis of glass and ceramics from Roman villas in Italy and France• Intrinsic Dynamics of Emulsion, from Experiments on Earth and in Microgravity• Computational gastronomy: networks, ingredients and culinary structures in complex food systems• Inverse problems in quantum field theories• Stochastic Dynamics and Large Deviations in High-Dimensional Learning: A Statistical Physics Perspective on Deep and Recurrent Neural Networks• Development of models of new physics and their cosmological analysis using galaxy survey data• Control of many-body quantum systems for quantum technologies	



Position with Scholarship		
N°	Funding entity	Research Area, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of Position with Scholarship)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by Brown University	Spin systems for quantum information processing and sensing
1	funded by INFN – The Italian National Institute for Nuclear Physics	New aspects and applications of field theories

ADMISSION ASSESSMENT
<p>Assessment of QUALIFICATIONS: up to 50 points (a minimum score of 20 points shall be required to be admitted to the Oral Exam)</p> <p>ORAL EXAM: up to 70 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>

ORAL EXAM PROGRAM			
<p>Applicants admitted to the ORAL EXAM can take it either in PRESENCE or REMOTELY in Audio and Video Teleconference Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice.</p> <p>The oral examination requires the candidate to present and discuss their research proposal and is aimed at assessing their aptitude for scientific research as well as their general knowledge of topics related to the research areas of the PhD programme.</p>			
<table border="1"> <tr> <td> Foreign Language the fluency of which shall be assessed </td> <td style="background-color: yellow;"> ENGLISH </td> <td> The evaluation of the knowledge of this language will be oral and will consist of carrying out part of the interview in English </td> </tr> </table>	Foreign Language the fluency of which shall be assessed	ENGLISH	The evaluation of the knowledge of this language will be oral and will consist of carrying out part of the interview in English
Foreign Language the fluency of which shall be assessed	ENGLISH	The evaluation of the knowledge of this language will be oral and will consist of carrying out part of the interview in English	

SCHEDULE OF THE ADMISSION EXAMS		
ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAM	DATE	1 st September 2026 (with possible extension to 2 nd September 2026)
	TIME	10:30 am (Italian time)
	PLACE	Department of Mathematical, Physical and Computer Sciences PHYSICS BUILDING Parco Area delle Scienze, 7/A – Campus 43124 PARMA – ITALY



FURTHER INFORMATION	<p>The Oral Exam will focus on the description of the research work carried out to prepare the Graduation Thesis for the Laurea Magistrale/Specialistica, as well as on the research project that the candidate proposes to carry out within the research topics of the Research Doctorate Program in Physics at the Department of Mathematical, Physical and Computer Sciences of the University of Parma which are described at https://corsi.unipr.it/en/phd-fis/progetti</p> <p>In the application to participate in the competitive examination, the candidate must choose and specify one research topic. The candidate may indicate a second priority choice.</p>
	<p>For foreign candidates, the admission examinations may be held in English at the candidate's choice.</p>

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION		
ANNEX A	(art. 3.2 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis countersigned by their supervisor.	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
Research Project	<p>A brief text (max 3 pages) in English. The candidates must describe their research interests and indicate the preferred topic among those listed above, possibly suggesting a second choice theme. For the first choice theme, candidates must outlay an original research project including a concise state of the art, the relevance of the problem and the expected results. Candidates are warmly invited to contact the potential supervisors listed at https://corsi.unipr.it/en/phd-fis/progetti</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u> Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	<p>Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.</p>	Up to 25 points



Graduation thesis	Consistency of the Master' Degree thesis with the doctoral program research topics. The assessment will make use of the information contained in the abstract (max 1 page) of the thesis (although not yet discussed, in this case countersigned by the thesis supervisor) and in the curriculum, where a brief description of the thesis work should be reported.	Up to 5 points
Research Project	Points relating to the research project shall be allocated on the basis of the following criteria: <ul style="list-style-type: none"> ○ Scientific value and originality of the proposal ○ description and structure of the proposal 	Up to 10 points
Statement of Research Interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 1 point
Scientific Publications	Articles and/or reviews in scientific journals with peer reviewing, Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list	Up to 3 points
Reference Letters	A maximum of 2 written by University Teachers, Researchers, Heads of Italian and foreign Research Centers, persons in charge of research/tutoring activities. The letters must be sent directly by the researchers/professors/experts in PDF format with the file name: candidato_proponente.pdf, to the email address marco.squarcia@unipr.it . Therefore, the candidate does not need to upload them through the online application process.	Up to 3 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ knowledge of the topics of the Master's degree thesis ○ research project presentation ○ general knowledge of issues connected to the PhD course ○ knowledge of the foreign language 	Up to 70 points



CIVIL ENGINEERING AND ARCHITECTURE	
CYCLE	XLII
COORDINATOR	Prof. Andrea SPAGNOLI email: andrea.spagnoli@unipr.it DEPARTMENT OF Engineering and Architecture
DURATION	3 anni
START DATE	01/11/2026
POSITIONS AVAILABLE	7
ADMISSION METHODS	Assessment of qualifications and research project Oral Examination in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
To develop specialized skills in the following fields: <ol style="list-style-type: none">(1) Infrastructure and Environmental Engineering: civil infrastructures for transport; survey, management, and analysis of land data, control and monitoring of displacements and deformations at all scales; issues related to surface waters and groundwater;(2) Structural and Geotechnical Engineering: mechanical behaviour of materials, structural components and structures; behaviour of soils and geotechnical structures;(3) Architecture and Urban Planning: theoretical, formal, distributional and functional aspects in architecture; the problems related to methods for survey and to computer-graphics in architecture; issues related to the implementation and the development of urban settlements; historical, artistic, technical and aesthetic themes in the architecture of the past.	
RESEARCH AREAS OF THE DOCTORAL COURSE (the candidate MUST mandatorily select one research area in the ANNEX A and present a research project in the selected area)	
<ul style="list-style-type: none">• Infrastructure and Environmental Engineering• Structural and Geotechnical Engineering• Architecture and Urban Planning	

Position with Scholarship		
N°	Position with Scholarship	Research Topic, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	



Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	Scholarship funded by Merck Serono S.p.A.	From Testing to Design: Design-Driven Methods for Container Closure Systems Development in Parenteral Drug Products
RESERVED POSITIONS		
Industrial PhD reserved for employees of the company Areaquattro S.r.l. (with salary maintained)		1
Industrial PhD reserved for employees of the company Hydro Solutions LLC (with salary maintained)		1
Reserved for candidates WITHIN SPECIFIC INTERNATIONAL MOBILITY PROGRAMS under the Memorandum of Understanding with NJIT New Jersey Institute of Technology (U.S.A.)		1

ADMISSION ASSESSMENT	
Assessment of QUALIFICATIONS: up to 70 points (a minimum score of 40 points shall be required to be admitted to the Oral Exam) ORAL EXAM: up to 50 points Minimum score for ELIGIBILITY: 70/120	
SPECIAL ADMISSION PROCEDURES (RESERVED POSITIONS) For scholarship holders within specific international mobility programmes	Assessment of QUALIFICATIONS: up to 120 points Minimum score for ELIGIBILITY: 70/120

ORAL EXAMINATION INDICATION		
Applicants admitted to the ORAL EXAM can take it either in PRESENCE or REMOTELY in Audio and Video Teleconference (Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice)		
The ORAL EXAMINATION includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of research areas related to the PhD course.		
Foreign language	ENGLISH	The language for which the fluency must be assessed during the Oral Examination. The assessment of knowledge of this language will be oral and will consist in reading and translating a scientific text.

SCHEDULE OF THE ADMISSION EXAMS		
EVALUATION OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/ in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	1 ST September 2026, with possible extension to the following day
	TIME	09:30 AM (Italian Time)
	PLACE	Department of Engineering and Architecture Parco Area delle Scienze, 181/A 43124 PARMA - ITALY



OTHER INFORMATION	The choice of the research area to be expressed in Appendix A is not binding on the assignment of the PhD research topic, but is intended to assess the candidates' skills during the admission examination. The PhD research topic will be assigned by the Board of Lecturers.	
	THE INTERVIEW MAY ALSO TAKE PLACE IN ENGLISH	For foreign candidates, it is possible to take the admission tests in English only. For Italian candidates, it is possible to take the admission tests in Italian or English, at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition Notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	<p>The research project shall consist of a maximum of 3 pages, be written in Italian or in English, and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results. The project must focus on an original research topic (unpublished, personally developed by the candidate) related to the topics listed in https://corsi.unipr.it/en/phd-ica/tematiche-di-ricerca. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>
Statement of Research Interest	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests

FURTHER QUALIFICATIONS THAT MAY BE ATTACHED TO THE APPLICATION, IF IN POSSESSION OF THE APPLICANT



Reference Letters	A maximum of 2 written by professors or researchers at the University of origin of the candidate or from other universities or from experts in the research areas working in public or private research facilities. The reference letters must be sent directly by the signer to the address e-mail: andrea.spagnoli@unipr.it . Reference letters sent directly by the candidate or received in any other way will not be evaluated.	
Scientific Publications	A maximum of 2 articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	
LIST OF EVALUABLE QUALIFICATIONS (only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. Mandatory: Statement of Research Interest Not mandatory: Reference Letters	Up to 30 points
Graduation mark	---	Up to 5 points
Average of the exam marks (if the candidate will attain the degree no later than 31st October 2026)	---	Up to 5 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics (briefly describe the topics in the curriculum vitae by attaching the abstract of the degree thesis or draft of the thesis approved by the supervisor)	Up to 6 points
Research Project		Up to 25 points
Scientific Publications	Maximum 2 articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	Up to 4 points
LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT Positions reserved to holders of scholarship within specific international mobility programs		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. Mandatory: Statement of Research Interest Not mandatory: Reference Letters	Up to 50 points
Graduation mark		Up to 10 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics (briefly describe the topics in the curriculum vitae by attaching the abstract of the degree thesis or draft of the thesis approved by the supervisor)	Up to 10 points
Research project		Up to 40 points
Scientific Publications	Maximum 2 articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	Up to 10 points



ORAL EXAM		
Interview program	Evaluation CRITERIA	POINTS
<p>The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of research areas related to the PhD course</p>	<ul style="list-style-type: none">○ knowledge of the foreign language○ research project presentation○ general knowledge of research areas related to the PhD course	<p>Up to 50 points</p>



INDUSTRIAL ENGINEERING	
CYCLE	XLII
COORDINATOR	Prof. Alessandro TASORA email: alessandro.tasora@unipr.it Department of Engineering for Industrial systems and Technologies
DURATION	3 years
START DATE	November 1st 2026
POSITIONS AVAILABLE	5
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none"> a Master's degree (Laurea Magistrale or equivalent); a degree awarded under the previous Italian system; an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD Program in Industrial Engineering aims to provide participants with an in-depth understanding of the covered topics, with the goal of achieving a cultural and professional preparation suitable both for integration into industrial production units and into public or private research and development organizations. The PhD program focuses on advanced numerical, analytical, and experimental techniques, enabling the PhD graduate to address technical and scientific challenges in Industrial Engineering. It also fosters managerial and organizational skills that ensure professional autonomy and the ability to quickly integrate into collaborative environments alongside other researchers and professionals within institutions or companies. The internationalization phase included in the three-year curriculum allows for the establishment of relationships with foreign institutions, offering PhD graduates the opportunity to engage in a scientific context that goes beyond national borders.</p>	
RESEARCH AREAS	
<ul style="list-style-type: none"> Theoretical, applied and material mechanics; material technology; continuum and structural mechanics; machine design; measurements and diagnostics; Economic, organizational, managerial, logistical, plant-related and legal aspects in engineering; Energy systems, thermodynamics and fluid dynamics, machinery, technical physics; Industry 4.0 and future developments. 	

Position with Scholarship		
N°	<i>Funding entity</i>	<i>Research Topic, if any</i>
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		



N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by TECNORD S.r.l.	Theoretical and experimental investigation of innovative hydraulic systems and solutions.
1	funded by Barilla G. e R. Fratelli S.p.A.	Development of a Predictive Model for the Monitoring and Behavioral Analysis of a Pasta Production Line Using an Advanced Distributed Sensor Network

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 70 points
(a minimum score of 40 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 50 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

Applicants admitted to the ORAL EXAM can take it either in PRESENCE or REMOTELY in Audio and Video Teleconference
(Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice)

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research topics of the doctoral course

Foreign Language
the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in reading and translating of a scientific text

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAM	DATE	9 th September 2026 (with possible extension in the following days)
	TIME	09:00 am (Italian Time)
	PLACE	Professor Alessandro Tasora's Office – Building 8 SCIENTIFIC ENGINEERING HEADQUARTERS Department of Engineering for Industrial Systems and Technologies Parco Area delle Scienze, 181/A - Campus 43124 PARMA - ITALY
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.
THE INTERVIEW MAY BE HELD ALSO IN ENGLISH		For foreign candidates, the admission examinations may be held in English at the candidate's choice.



LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcripts of records for both Bachelor and Master degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications. It must focus on an original research topic In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research , the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project. <u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u> Failure to submit the research proposal will result in exclusion from the selection procedure.

LIST OF EVALUABLE QUALIFICATIONS

(only qualifications attested by a document drawn up in Italian or in English)

Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 25 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics	Up to 10 points
Research Project	Points relating to the research project shall be allocated on the basis of the following criteria: <ul style="list-style-type: none"> ○ Scientific value and or originality of the proposal ○ description and structure of the proposal ○ proposal feasibility 	Up to 14 points
Statement of Research Interest	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 5 points



Scientific Publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc. <i>Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list</i>	Up to 6 points
Reference Letters	A maximum of 2 written by professors or researchers at the University of origin of the candidate or from other universities or from experts in the research areas working in public or private research facilities. They must be uploaded directly by the signatory to the REFERENCE LETTER folder. The file must be named "Candidate's Surname and Name – Reference Letters - PhD in Industrial Engineering". The candidate, therefore, must not upload them through the procedure of online registration for the competition.	Up to 5 points
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program	Up to 2 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus program or other similar mobility programs) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ research project presentation ○ general knowledge of issues related to the PhD course ○ knowledge of foreign languages 	Up to 50 points



MOLECULAR MEDICINE	
CYCLE	XLII
COORDINATOR	Prof. Prisco MIRANDOLA email: prisco.mirandola@unipr.it Department of Medicine and Surgery
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	5
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none"> • a Master's degree (Laurea Magistrale or equivalent); • a degree awarded under the previous Italian system; • an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The Research Doctorate Course in Molecular Medicine aims to provide PhD students with the cultural and methodological skills necessary to carry out high-profile research in different scientific disciplines in the biomedical field, integrated in an interdisciplinary perspective. The acquired training will allow PhD students in Molecular Medicine to employ themselves in high level research and development activities in Universities, research centres and industries engaged in the medical, biological and biotechnological sectors.	
RESEARCH AREAS	
<ul style="list-style-type: none"> • Extracellular Vesicles in Pancreatic Cancer: From Liquid Biopsy to Targeted Therapy • Cell-ECM Interactions During Cancer Invasion and inflammation • Integrated Biological and Clinical Determinants of Craniofacial Growth, Airway Development and Bone Remodeling in Orthodontic Patients • Sport and health • The use of gene editing in the functional analysis of the organization and structure of hematopoietic tissue 	

Position with Scholarship		
N°	<i>Funding entity</i>	<i>Research Topic</i>
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none"> • Cell-ECM Interactions During Cancer Invasion and inflammation. • Sport and health. • The use of gene editing in the functional analysis of the organization and structure of hematopoietic tissue.
1	Fully funded by Cariparma Foundation	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	<i>Funding entity</i>	<i>BOUND RESEARCH TOPIC</i>
1	partially funded by University and Cariparma Foundation funds and co-funded by the	Integrated Biological and Clinical Determinants of Craniofacial Growth, Airway Development and Bone Remodeling in Orthodontic Patients



	Department of Medicine and Surgery (funds Prof. Meleti)	
1	funded by Cube Labs S.r.l.	Extracellular Vesicles in Pancreatic Cancer: From Liquid Biopsy to Targeted Therapy

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 60 points
(a minimum score of 10 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 60 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES PLACE IN THE PRESENCE.

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research topics of the doctoral course

Foreign Language
the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be by an oral examination and will consist in translating of a scientific text.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAM	DATE	8 th September 2026
	TIME	10:30 am (Italian Time)
	PLACE	Department of Medicine and Surgery Via Gramsci, 14 43126 PARMA - ITALY
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.
THE INTERVIEW MAY BE HELD ALSO IN ENGLISH		For foreign candidates, the admission examinations may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION



ANNEX A	(art. 3.2 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Degree thesis	The full thesis in pdf format. Undergraduate applicants must submit the draft of the thesis approved by their supervisor.	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications. It must focus on an original research topic. In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	<p>Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark (up to 10 points).</p> <p>It will also be evaluated the exam marks and the graduation mark (up to 5 points). Score related to the final mark: - 110 with honours (magna cum laude): 5 points; - 110: 3 points; - From 100 to 109: 0,2 point for each mark unit</p> <p>Score related to the average of the exam marks (only for the candidate will attain the degree no later than 31 October 2026): - > 28/30: 5 points - > 27/30: 3 points - > 25/30: 1 point</p>	Up to 15 points
Graduation thesis	Consistency with the research themes of the PhD course and quality of the research methodology	Up to 7 points



Research Project	Points relating to the research project: <ul style="list-style-type: none"> ○ Scientific value and originality of the proposal: max 2.5 points ○ articulation of the proposal: max 2.5 points ○ proposal feasibility: max 2.5 points ○ consistency with the research themes of the PhD course: max 2.5 points 	Up to 10 points
Statement of Research Interest	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 8 points
Scientific Publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc. Evaluation of the candidate's contribution and of the scientific relevance of the editorial product.	Up to 5 points
Reference Letters	A maximum of 3 written by professors or researchers at the University of origin of the candidate or from other universities or from experts in the research areas working in public or private research facilities. The candidate must upload them through the procedure of the competition online registration	Up to 5 points
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program	Up to 5 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including under research grants and as a member of research units. – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 5 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ knowledge of the foreign language: max 4 points ○ ability to argue the project proposal: max 28 points ○ knowledge of chosen topic: max 28 points 	Up to 60 points




MICROBIOTA AND HEALTH	
CYCLE	XLII
COORDINATOR	Prof. Marco VENTURA email: marco.ventura@unipr.it Department of Chemistry, Life Sciences and Environmental Sustainability
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	4
POSITIONS AVAILABLE	Assessment of QUALIFICATIONS Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none"> • a Master's degree (Laurea Magistrale or equivalent); • a degree awarded under the previous Italian system; • an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The main aim of the PhD in "Microbiota and Health" is to train PhDs who are experts in the study of the microbiota in physiological and pathological conditions and of possible translational applications, which constitute a useful premise for carrying out innovative and advanced research in various fields of clinical medicine and basic and applied biology	
RESEARCH AREAS	
<ul style="list-style-type: none"> • investigation of the microbiota and its interactions with humans; • investigation of the microbiota and its interactions with animals; • investigation of the microbiota and its interactions with the environment 	

Position with Scholarship		
N°	<i>Funding entity</i>	<i>Research Topic</i>
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none"> • investigation of the microbiota and its interactions with humans, animals and environment
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	<i>Funding entity</i>	<i>BOUND RESEARCH TOPIC</i>
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project "Dipartimenti di Eccellenza" COMP-R)	investigation of the microbiota and its interactions with humans





1	<p>partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza” COMP-R and funds Prof. Sgoifo and Prof. Ventura)</p> 	investigation of the microbiota and its interactions with humans
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ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 40 points
(a minimum score of 14 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 80 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES PLACE IN THE PRESENCE.

The Oral Test will focus on the critical reading and discussion of a scientific article chosen from those proposed by the Examination Board within the research topic selected by the candidate. The candidates will be called individually by the Examination Board to discuss the contents of the scientific publication selected by them. During the oral exam he will come knowledge of the English language also assessed.

Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The evaluation of the knowledge of this language will be oral and will consist in translating a scientific text
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SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	8 th September 2026 and eventually it will be extended to September, 9
	TIME	09:30 am (CET)
	PLACE	ROOM 5 BIOSCIENCES BUILDING Parco Area delle Scienze, 11/A – Campus 43124 PARMA
FURTHER INFORMATION	The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.	
	THE INTERVIEW MAY BE HELD ALSO IN ENGLISH	For foreign candidates it is possible to carry out the admission examination exclusively in English. For Italian candidates it will be possible to take the admission examination in Italian or in English at the candidate's choice



LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).

LIST OF EVALUABLE QUALIFICATIONS

(only qualifications attested by a document drawn up in Italian or in English)

Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 5 points
Graduation mark	Score related to the final mark: - 110 with honors (magna cum laude): 20 points; - 110: 18 points; - From 103 to 109: points 4-16 (2 points for each mark unit); - Until 102: 3 points.	Up to 20 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the average of the exam marks: - 30/30: 18 points; - From 22/30 to 29/30: points 2-16 (2 points for each unit average score)	Up to 18 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics or consistency with the scientific disciplinary sectors represented in the doctoral teaching board (briefly describe the topics in the curriculum vitae)	Up to 6 points
Scientific Publications	Publications in <i>peer-reviewed</i> international journals: 2 points for each publication (for evaluation purposes it is mandatory to attach a pdf copy of each publication to the application)	Up to 6 points
Communiations to conferences, publication in indexed national journals, book chapters	1 point for each conference abstract, publication in indexed national journals or book chapters (for evaluation purposes it is mandatory to attach a pdf copy of each term to the application)	Up to 3 points

EVALUATION ORAL EXAM

Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	The Oral Exam will focus on the critical reading and discussion of a scientific article chosen from those proposed by the Commission in the context of the research topic selected by the candidate. Candidates will be individually called by the Commission to discuss the contents of the scientific publication selected by them. During this test, knowledge of the English language will also be assessed	Up to 80 points



NEUROSCIENCES	
CYCLE	XLII
COORDINATOR	Prof.ssa Elena BORRA email: elena.borra@unipr.it Department of Medicine and Surgery
DURATION	3 years
START DATE	01/11/2026
CURRICULA	1. Neuroscience 2. Behavioural Biology
POSITIONS AVAILABLE	6
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<ul style="list-style-type: none">• Provide a global and interdisciplinary view of the proposed research areas, ensuring a high degree of specialization in research within these fields;• Acquire skills and abilities for the autonomous use of at least one neuroscientific investigation technique;• Promote the development of national and international networks and exchanges aimed at sharing and deepening the research topic addressed.	
RESEARCH AREAS	
<ul style="list-style-type: none">• Integrated Neurosciences: comparative neurophysiology and neuroethology, cognitive and social neurosciences, cognitive psychology, psychology of perception and action, psychobiology, psychophysiology.• Behavioral Biology: biological bases of social, agonistic, and parental behavior, gene/environment interactions on behavioral development, cognitive and emotional ethology in animals and humans.	

Position with Scholarship		
N°	Funding entity	Research Topic, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	



Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Medicine and Surgery (funds Project "CIRCEM", BONINI_2023_FARE_R20NJ7BBA7 Prof. Bonini)	Neuroethology of social behavior in primates
1	partially funded by University and Cariparma Foundation funds and co-funded by Hertie Institute for Clinical Brain Research	Neural Bases of Nonverbal Communication in Common Marmosets (<i>Callithrix jacchus</i>)
1	funded by Department of Medicine and Surgery (funds Prof. Papale)	Causal control of visual memory in monkeys

ADMISSION ASSESSMENT
<p>Assessment of QUALIFICATIONS: up to 40 points (a minimum score of 20 points shall be required to be admitted to the Oral Exam)</p> <p>ORAL EXAM: up to 80 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>

ORAL EXAM PROGRAM			
<p>THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview REMOTELY for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit a motivated REQUEST as per the model attached to the competition announcement.</p>			
<p>The ORAL test includes: 1) the verification of the candidates' general preparation on topics related to the research topics of the PhD course, 2) the presentation and discussion of the research project, 3) the verification of the knowledge of the English language.</p>			
<table border="1"> <tr> <td> Foreign Language the fluency of which shall be assessed during the Oral Exam </td> <td style="background-color: yellow;"> ENGLISH </td> <td> The evaluation of the knowledge of this language will be oral and will consist in the discussion of the research project presented in English. </td> </tr> </table>	Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The evaluation of the knowledge of this language will be oral and will consist in the discussion of the research project presented in English.
Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The evaluation of the knowledge of this language will be oral and will consist in the discussion of the research project presented in English.	

SCHEDULE OF THE ADMISSION EXAMS		
ASSESSMENT OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	9 th September 2026 (with possible extension to September, 10)
	TIME	09:00 am (Italian Time)



	PLACE	ROOM C Department of Medicine and Surgery INTEGRATED BIOTECHNOLOGICAL PLEXUS Via Volturno, 39/E – 43125 PARMA - ITALY	
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. <u>The PhD research topic will be assigned by the Academic Board.</u>	
		THE INTERVIEW MAY ALSO TAKE PLACE ENTIRELY IN ENGLISH	For foreign candidates, the admission examinations may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Degree thesis	The full thesis in pdf format. Undergraduate applicants must submit the draft of the thesis approved by their supervisor.
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	<p>Written in English, 3 pages with single spacing in Times New Roman 12, including bibliography, it must focusing on an original research topic (unpublished, developed personally by the candidate. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted project) and it shall be structured as follows: introduction of the problem in the scientific context, relevance of the problem, objectives, expected results.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u> Failure to submit the research proposal will result in exclusion from the selection procedure.</p>



LIST OF EVALUABLE QUALIFICATIONS (only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 40 points
Curriculum Vitae et Studiorum will be evaluated based on the following qualifications and scores:		
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 10 points; - 110: 7 points - From 108 to 109: 5 points - From 106 to 107: 3 points - 104-105: 1 point - Under 104: 0 points	Up to 10 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the average of the exam marks: - From 29/30 to 30/30: 10 points - From 28/30 to 28.99/30: 7 points - From 27/30 to 27.99/30: 5 points - From 26/30 to 26.99/30: 3 points - From 25/30 to 25.99/30: 1 point - Under 25/30: 0 points	Up to 10 points
Graduation thesis	Congruence with the research topics of the PhD course and methodological quality of the experimental or bibliographic work. ○ Experimental thesis related to the PhD program of Neuroscience: 10 points ○ Non-experimental and relevant thesis: 5 points ○ Thesis not relevant: 0 points	Up to 10 points
Research Project	Project evaluation score: ○ scientific value: 2.5 points ○ structure of the proposal: 2.5 points ○ proposal feasibility in relation to the specific research topics of the PhD course: 2.5 points ○ originality of the proposal: 2.5 points	Up to 10 points
Statement of Research Interest	Short text – maximum 1 page – in Italian or in English	Up to 2 points
Scientific Publications	○ Each article in a peer-reviewed international journal: 1 point ○ Each book chapter: 0.4 points ○ abstracts/papers/posters presented at conferences or symposia: 0.3 points The same categories are half valued if in Italian. The points of the publications are normalized for post-graduate years, that is, divided by the numbers of post-graduate years.	Up to 5 points
Other Academic qualifications	Other academic qualifications consistent with the research topics of this PhD program	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL examination includes: A1) Neurosciences: the oral report on 2 topics drawn at random (one from list 1 and	○ Up to 40 points for the oral report on one of the first 5 and one of the second 5 topics, extracted from the list alongside (up to 20 points per topic); ○ Up to 20 points for the project presentation;	Up to 80 points



one from list 2) among those indicated below:

- 1.1. Genesis and transmission of the nervous impulses
- 1.2. The synapses
- 1.3. The reflexes
- 1.4. Molecular and cellular bases of signal Transduction
- 1.5. Neural bases of plasticity

- 2.1 The motor system
- 2.2. The visual system
- 2.3. The somatosensory system
- 2.4. The autonomic nervous system and emotions
- 2.5. Neurobiology of learning and memory

A2) Behavioural Biology: the oral report on 2 topics chosen by lot from those indicated in the list below:

- 1.1 Imprinting and development of behavior
- 1.2. Individual and social learning
- 1.3. Genetics and epigenetics of behavior
- 1.4. Hormones, neurotransmitters and behavior
- 2.1. Reproductive behavior: parental investment and sexual selection, mating systems and parental care
- 2.2 Behavior and social organization
- 2.3. Aggression, aggression and social hierarchies
- 2.4. Ethological observation techniques of behavior

B) The presentation and discussion of the research project, aimed at verifying the candidate's aptitude for scientific research. The discussion will take in English to evaluate the knowledge and the fluency of the language

- Up to 20 points for knowledge of the foreign language



PSYCHOLOGY	
CYCLE	XLII
COORDINATOR	Prof.ssa Ada CIGALA email: ada.cigala@unipr.it Department of Humanities, Social Sciences and Cultural Industries
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	6
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The main aim of the PhD course is to train qualified researchers capable of planning and carrying out basic research focused on the research topic of the course and studies applied to clinical, social, educational, health and organizational contexts	
RESEARCH AREAS	
<ul style="list-style-type: none">• Psychosocial processes in complex societies• Individual and group development and learning processes in typical and atypical contexts• Processes involved in clinical and social intervention• Psychological processes in social and organizational contexts	

Position with Scholarship		
N°	Funding entity	Research Topic, if any
3	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	
RESERVED POSITIONS		
Industrial PhD reserved for employees of the company CIAC Impresa sociale ETS Parma (with salary maintained)		1
Industrial PhD reserved for employees of the company Fondazione Bambini e Autismo (with salary maintained)		1



ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 60 points
(a minimum score of 35 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 60 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit a **motivated REQUEST** as per the model attached to the competition announcement).

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his **general preparation** on topics related to the research topics of the doctoral course.

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in reading and translating of a scientific text.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page <http://unipr.esse3.cineca.it/Home.do> in the days preceding the date of the Oral Exam.
Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.

ORAL EXAM

DATE

7TH September 2026

TIME

11:00 am (Italian Time)

PLACE

ROOM E
POLO DIDATTICO
Via del Prato – 43121 PARMA - ITALY

FURTHER INFORMATION

The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.

THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

For foreign candidates, the admission examinations may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A

(art. 3.2 of the Competition notice)

Identification Document

Scanned Copy of a valid identity document with photo (i.e. identity card, passport)

Curriculum Vitae et studiorum

No specific CV format is required (see art. 3.2 of the Competition notice)



Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	<p>The research project shall consist of a maximum of 2500 words, be written in Italian or in English, and it must be an original research project (inedited, unpublished, personally developed by the candidate) and be structured as follows: theoretical introduction, relevance of the problem, research design and methodology, expected results and discussion, essential bibliography (maximum 5 bibliographic entries).</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS (only qualifications attested by a document drawn up in Italian or in English)		
Graduation mark Or Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the final mark: - 110 and 110 with honours (magna cum laude): 10 points; - From 100 to 109: 8 points - Under 99: 5 points Score related to the average of the exam marks: - 30/30: 10 points - From 27/30 to 29/30: 8 points; - Under 26/30: 5 points	Up to 10 points
Graduation thesis	Congruence with the research topics of the PhD course and quality of the research methodology	Up to 5 points
Research Project	<ul style="list-style-type: none"> ○ Scientific value and internal consistency (aspects that will be considered: validity of the theoretical formulation, relevance of the problem faced, clarity of the objectives and appropriateness of the methodology, consistency of the expected results and relative discussion): 18 points ○ Formal and grammatical aspects: 2 points ○ Congruence with the research themes of the PhD course: 8 points 	Up to 28 points
The candidate's Curriculum Vitae et Studiorum will be evaluated based on the following qualifications and scores:		
Scientific Publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc	Up to 8 points




Other Academic qualifications	First or second level master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD programme	Up to 3 points
Other research experiences	study or research experiences abroad, prizes, scholarships and research grants (present official documents certifying the experience)	Up to 6 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM focuses on the knowledge of the English language, on the discussion of the research project, on the knowledge related to the research themes of the PhD programme	<ul style="list-style-type: none">○ knowledge of foreign languages (English): 10 points○ discussion and argumentation of the project: 35 points○ knowledge on at least one of the themes of the PhD programme and motivations for scientific research : 15 points	Up to 60 points



MATERIALS SCIENCE AND TECHNOLOGY	
CYCLE	XLII
COORDINATOR	Prof. Mauro RICCO' email: mauro.ricco@unipr.it Department of Mathematical, Physical and Computer Sciences
DURATION	3 years
START DATE	01/11/2026
PARTNER INSTITUTION	<ul style="list-style-type: none">The Italian National Research Council (C.N.R.)
POSITIONS AVAILABLE	12
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">a Master's degree (Laurea Magistrale or equivalent);a degree awarded under the previous Italian system;an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The Ph.D. in "Materials Science and Technology" aims to provide graduates in: Materials Science, Physics, Chemistry, Industrial Chemistry, Biological Sciences, Biotechnology and Engineering with the skills necessary to carry out research activities of high scientific and professional qualification in the field of Materials Science and Technology at Universities, public bodies or private entities. The course offers a highly interdisciplinary preparation with specific courses, and with research conducted abroad in groups with which there are collaborative relationships.	
RESEARCH AREAS	
<ul style="list-style-type: none">Materials for sensors and bioelectronicsMaterials for electrochemical storage (batteries and supercapacitors)Nanodiagnostic techniquesAuxetic polymersSupramolecular sensors and devicesCarbon nanostructuresLow-dimensional semiconductor structuresSelf-repairing and self-diagnostic polymersCeramic and composite materialsVitrimersMaterials for bionanotechnology and nanomedicinePhotocatalytic solid foamsSemiconductor materials for applications in power electronics and UVC radiation detectionPorous materials for chemical separationMolecular and nanostructured materials for energy, health and environmentMultifunctional magnetic thin films and nanostructuresMagnetic materials for energy transition (permanent magnets, shape memory magnetic materials, magnetocaloric materials)	



Position with Scholarship		
N°	Funding entity	Research Topic
1	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Scholarship funded by The Italian National Research Council C.N.R. - IMEM	
1	Scholarship funded by The Italian National Research Council C.N.R. - STIIMA	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Mathematical, Physical and Computer Sciences (funds Prof. Solzi)	Development of magnetic high-entropy alloys and oxides obtained by mechano-synthesis for applications in energy conversion processes
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project TELETHON Multi-Round Call POC 2025 “Brain-Targeted Biodegradable Nanoparticles for Innovative Fragile X Therapy”, BERT_A_25_ASSPRIV_BRAIN-X_01, CUP: D53C26000580007) 	Design and synthesis of functional nanomaterials for the development of novel formulations for the delivery of biological therapeutic agents in the context of rare diseases.
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds prof. Pedrini)	Development of composite membranes based on microporous materials for the selective removal of emerging pollutants from aqueous matrices
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza”)	Optical Spectroscopy of Functional Molecular Materials
1	partially funded by University and Cariparma Foundation funds and co-funded by Stazione Sperimentale per l’Industria delle Conserve Alimentari (SSICA)	Development of innovative analytical methodologies and AI for authenticity, origin, safety, quality and traceability of plant matrices, valorization of by-products and sustainable packaging.
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Prof. Pinalli)	Synthesis of molecular receptors to enrich epigenetic modifications on histone proteins, DNA and RNA, and their grafting on silica nanoparticles.
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by The Italian National Research Council C.N.R. - IMEM	Development of x-ray detectors for non-destructive testing of food.
1	Scholarship funded by Versalis S.p.A.	Styrenic ionomers



RESERVED POSITIONS

Industrial PhD reserved for employees of the company ELANTAS Europe S.r.l. (with salary maintained)

1

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 60 points
(a minimum score of 30 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 60 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates **must submit a motivated REQUEST as per the model attached to the competition announcement**)

The oral examination requires the candidate to present and discuss their Statement of Research Interest and is aimed at assessing their aptitude for scientific research as well as their general knowledge of topics related to the research areas of the PhD programme.

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in translating of a scientific text.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page <http://unipr.esse3.cineca.it/Home.do> in the days preceding the date of the Oral Exam. **Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.**

ORAL EXAM

DATE

1st September 2026 (with possible extension in the following day)

TIME

09:00 am (Italian Time)

PLACE

ROOM "RUTHERFORD"
PHYSICS BUILDING
Parco Area delle Scienze, 7/A – Campus
43124 PARMA - ITALY

FURTHER INFORMATION

The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates' skills during the admission exam. The PhD research topic will be assigned by the Academic Board.

THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

For foreign candidates, the admission examinations may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION



ANNEX A	(art. 3.2 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice):</p> <p>University that granted the degree - Type of degree (first cycle/second cycle/single cycle)</p> <p>Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.	Up to 20 points
Graduation mark	Score related to the final mark: - 110 with honors (magna cum laude): 20 points - 110: 16 points - From 105 to 109: 12 points - From 100 to 104: 8 points - From 95 to 99: 4 points - Under 95: 0 points	Up to 20 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the average of the exam marks: - 30/30: 20 points - From 28/30 to 29/30: 16 points - From 26/30 to 27/30: 12 points - 25/30: 8 points - 24/30: 4 points - Under 24/30: 0 points	Up to 20 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics (briefly describe the topics in the curriculum vitae)	Up to 10 points
Statement of Research Interest	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 5 points
Scientific Publications	Articles and/or reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 5 points


EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS





<p>The ORAL exam includes the presentation and discussion of the master's thesis and the statement of research interest; it is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course</p>	<ul style="list-style-type: none">○ knowledge of foreign languages: 10 points○ general knowledge of issue connected to the Master's thesis: 25 points○ general knowledge of issues connected to the PhD course: 25 points	<p>Up to 60 points</p>
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CHEMICAL SCIENCES	
CYCLE	XLII
COORDINATOR	Prof Giovanni MAESTRI email: giovanni.maestri@unipr.it Department of Chemistry, Life Sciences and Environmental Sustainability
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	10
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The program aims to equip PhD students in Chemical Sciences with the necessary skills to propose and manage research projects in the advanced fields of Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, Industrial Chemistry, and Organic Chemistry. The PhD program in Chemical Sciences requires each student to work within one of the research groups within the Chemistry Units of the Department of Chemistry, Life Sciences and Environmental Sustainability (SCVSA). Students will also pursue specific training in their chosen field, including research periods at qualified centers both in Italy and abroad, in schools and national and international conferences, and through the publication of their scientific results in international journals. Interdisciplinary training activities are also planned, aimed at developing the abilities of PhD students to present, discuss, and disseminate the topics covered in their work in both academic and industrial settings, and more generally in society at large.	
RESEARCH AREAS	
<ul style="list-style-type: none">• Analytical Chemistry• General and Inorganic Chemistry• Physical Chemistry• Industrial Chemistry• Organic Chemistry	

Position with Scholarship		
N°	Funding entity	Research Topic or Areas
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project FIS-2023-01733 "NHC-Ligated Boryl Radicals: New Frontiers in Halogen-Atom Transfer", CAPA_L_23_MUR_XAT2.0_01, CUP D53C25000690001). 	Development of innovative methodologies for radical synthesis



1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project FIS-2023-01733 “NHC-Ligated Boryl Radicals: New Frontiers in Halogen-Atom Transfer”, CAPA_L_23_MUR_XAT2.0_01, CUP D53C25000690001). 	Application of emerging technologies for the synthesis of high value added chemicals
1	funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza”)	Synthesis and photo-physical characterization of organic π -conjugated small molecules for organic electronics
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project Fondazione Telethon-Fondazione Cariplo 2025 CODICE SANS_F_25_ASSPRIV_DARKLIGHT_01 CUP D53C26000570007)	Design, synthesis and characterization of saccharide-based molecules for the interaction with biomedically relevant enzymes and proteins
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project “Dipartimenti di Eccellenza”)	(Chiro)Optical spectroscopy of molecular functional materials
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project MSCA20240000010, CUP D93C25000480007) 	Visible-light mediated enantioselective synthesis
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability	Analytical strategies based on high-resolution mass spectrometry for untargeted analyses
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability	Artificial proteins and peptides for biotechnological application
1	Partially funded by University (Ministerial funds) and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project	Precipitation and selective extraction of rare-earth metals from end-of-life products
1	partially funded by University and Cariparma Foundation funds and co-funded by INRIM Istituto Nazionale di Ricerca Metrologica	Integration of advanced analytical platforms for the detection and characterization of micro- and nanoplastics

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 40 points
(a minimum score of 20 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 80 points
Minimum score for ELIGIBILITY: 70/120



ORAL EXAM PROGRAM

Applicants admitted to the ORAL EXAM can take it either in PRESENCE or REMOTELY in Audio and Video Teleconference (Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice)

The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course.

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in the discussion of part of the research topics in English.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page <http://unipr.esse3.cineca.it/Home.do> in the days preceding the date of the Oral Exam. **Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.**

ORAL EXAM

DATE

3rd September 2026 (with possible extension in the following days)

TIME

10:00 am (Italian Time)

PLACE

Department of Chemistry, Life Sciences and Environmental Sustainability
CHEMISTRY BUILDING
Parco Area delle Scienze, 17/A – Campus
43124 PARMA - ITALY

FURTHER INFORMATION

The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidate's skills during the admission exam. The PhD research topic will be assigned by the Academic Board.

THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

For foreign candidates it is possible to carry out the admission examination exclusively in English. For Italian candidates it will be possible to take the admission examination in Italian or in English at the candidate's choice

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A

(art. 3.2 of the Competition notice)

Identification Document

Scanned Copy of a valid identity document with photo (i.e. identity card, passport)

Curriculum Vitae et studiorum

No specific CV format is required (see art. 3.2 of the Competition notice)

Abstract of degree thesis

Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)

Academic Qualifications

Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice):



	University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	<p>Written in Italian or in English, according to the format attached to the competition notice. It will have to focus on an original research topic (unpublished, developed personally by the candidate, PENALTY NOT EVALUATION. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project)</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS (only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	<p>Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.</p> <p>The marks of the exams and the graduation mark will be the most relevant element of the evaluation.</p> <p>Relevance of the academic career as well as postgraduate experiences and other research activities related to Chemical Sciences.</p>	Up to 21 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics (briefly describe the topics in the curriculum vitae)	Up to 10 points
Research Project	<p>Points relating to the research project shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> ○ Scientific value and originality of the proposal ○ description and structure of the proposal ○ proposal feasibility ○ consistency with the research themes of the PhD course 	Up to 2 points
Statement of Research Interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program; the description of specific research interests, with particular reference to the topics relating to the specific topics proposed; the skills possessed that can contribute to a research project in the field of Chemical Sciences.	Up to 3 points
Scientific Publications	<p>Articles on national and international journals, papers presented at conferences or symposia, book chapters etc</p> <p>Impact and relevance of the qualifications presented related to Chemical Sciences.</p> <p><i>Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.</i></p>	Up to 4 points



EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none">○ knowledge of the subject and skills of the candidate for the proposed research activities are assessed by a discussion on the qualifications submitted for evaluation○ knowledge of English is assessed by discussion of topics of research and by understanding of scientific texts.	Up to 80 points



FOOD SCIENCE	
CYCLE	XLII
COORDINATOR	Prof. Massimiliano RINALDI email: massimiliano.rinaldi@unipr.it Food and Drug Department
DURATION	3 years
START DATE	01/11/2026
CURRICULA	1. Food Science 2. Products for the food and health markets
POSITIONS AVAILABLE	15
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD course in Food Science aims to train highly skilled professionals, able to face current and future challenges in the agri-food sector. The training plan is designed in alignment with the Next Generation EU strategy. The high-level training courses are accompanied by a dedicated program in the following areas:</p> <ul style="list-style-type: none">• Circular bioeconomy;• Sustainable and precision agriculture;• Innovative and sustainable production;• Sustainability from a nutritional perspective;• valorization and upcycling of by-products. <p>These areas of study are complemented by cross-cutting expertise essential to support innovation, including the use of big data and artificial intelligence methodologies.</p> <p>Throughout the doctoral cycle, candidates also participate in high-level courses dedicated to entrepreneurship and exploitation of inventions, thanks to the collaboration with the regional ART-ER structure.</p> <p>The program places strong emphasis on skill integration, multi-, inter- and transdisciplinary training and internationalization, through PhD students' participation in international research projects and interaction with leading foreign experts by dedicated seminars and meetings.</p> <p>Additionally, PhD students are encouraged to take part in public engagement initiatives and interaction with the territory, to develop skills of knowledge transfer and dialogue with all stakeholders in the food system.</p>	



RESEARCH AREAS

1. **HUMAN NUTRITION:** Deciphering inter-individual variability in the metabolism of and cardiometabolic responses to plant bioactives through deep phenotyping and machine learning approaches;
2. **FOOD CHEMISTRY/FOOD TECHNOLOGY:** Structure-function design of tailored insoluble fibers from agri-food by-products as novel food texturizing ingredients;
3. **FOOD MICROBIOLOGY:** Fermentation, bioactive components and intestinal microbiota: functional valorization of cheeses and other fermented foods;
4. **FOOD MICROBIOLOGY** Lactic acid fermentation for the development of innovative plant-based foods and ingredients using integrated biological platforms;
5. **PLANT PRODUCTION:** Integrated biostimulation, phenotyping and gene expression analysis approaches in a controlled environment, under optimal and stress conditions, for improving plant performance and production;
6. **CHEMISTRY AND BIOTECHNOLOGY OF FERMENTATION:** Development and optimization of fermentation processes;
7. **HUMAN NUTRITION:** Empowering families to mediterranean healthy and sustainable dietary patterns during the perinatal period through a community-level multicomponent approach;
8. **HUMAN NUTRITION:** Shifting toward Healthy and sustainable diets for safer, greener and inclusive cities;
9. **FOOD TECHNOLOGY:** Designing Algae–Legume–Based Fish Alternatives: Linking Structure and Nutritional Quality;
10. **FOOD CHEMISTRY:** Untargeted analysis methodologies for mapping emerging fungal metabolites in durum wheat;
11. **ORGANIC CHEMISTRY:** Determination of significant allergens in the wheat supply chain and further evaluation of the effects of processing;
12. **ANIMAL SCIENCE:** Data-driven modelling of quality and sustainability in milk-to-cheese supply chains;
13. **FOOD TECHNOLOGY:** Study and development of innovative functional ingredients for the design and optimization of industrial ice cream.

Position with Scholarship

N°	Funding entity	Research Topic or Areas
3	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none"> • HUMAN NUTRITION: Deciphering inter-individual variability in the metabolism of and cardiometabolic responses to plant bioactives through deep phenotyping and machine learning approaches; • FOOD MICROBIOLOGY: Fermentation, bioactive components and intestinal microbiota: functional valorization of cheeses and other fermented foods; • FOOD CHEMISTRY/FOOD TECHNOLOGY: Structure-function design of tailored insoluble fibers from agro-food by-products as novel food texturizing ingredients
2	Fully funded by Cariparma Foundation	<ul style="list-style-type: none"> • PLANT PRODUCTION: Integrated biostimulation, phenotyping and gene expression analysis approaches in a controlled environment, under optimal and stress conditions, for improving plant performance and production); • FOOD MICROBIOLOGY: Lactic acid fermentation for the development of innovative plant-based foods and ingredients using integrated biological platforms
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Food and Drug Department (funds Project ALIFAR_DIP_ECCELLENZA_2023_2027_	CHEMISTRY AND BIOTECHNOLOGY OF FERMENTATION Development and optimization of fermentation processes



	<p>INFRA BERTIN CUP: D98H22002100001)</p> 	
1	<p>funded by Food and Drug Department (funds Project PANACEA PRIMA Call 2025 – Section 1 – FOOD VALUE CHAIN IN THE NEXUS CUP: D93C26000280006)</p>   <p>Co-funded by the European Union</p>	<p>HUMAN NUTRITION Empowering families to mediterranean healthy and sustainable dietary patterns during the perinatal period through a community-level multicomponent approach</p>
1	<p>funded by Food and Drug Department (funds Project SHADES (PRIMA Call 2025 – Section 1 – FOOD VALUE CHAIN IN THE NEXUS) CUP: D93C26000260006)</p>   <p>Co-funded by the European Union</p>	<p>HUMAN NUTRITION Shifting toward Healthy and sustainable diets for safer, greener and inclusive cities</p>
1	<p>funded by Food and Drug Department (funds Project MEDALP (PRIMA Call 2025 – RIA/IA CUP: D93C26000120005)</p>   <p>Co-funded by the European Union</p>	<p>FOOD TECHNOLOGY Designing Algae–Legume Based Fish Alternatives: Linking Structure and Nutritional Quality</p>
1	<p>funded by Food and Drug Department (funds Project V Bando MASAF/ISMEA PNRR M2C1 – I 3.4. Chain Contracts Revolving Fund (FCF) to support supply chain contracts in the agribusiness, fisheries and aquaculture, forestry, floriculture and nursery sectors Program ID 226 CUP: B99I21000540001)</p>      <p>UNIVERSITÀ DI PARMA DIPARTIMENTO DI SCIENZE DEGLI ALIMENTI E DEL FARMACO DIPARTIMENTO 2023 DI ECCELLENZA 2027</p>	<p>FOOD CHEMISTRY Untargeted analysis methodologies for mapping emerging fungal metabolites in durum wheat</p>
1	<p>funded by Food and Drug Department (funds Project V Bando MASAF/ISMEA PNRR M2C1 – I 3.4. Chain Contracts Revolving Fund (FCF) to support supply chain contracts in the agribusiness, fisheries and aquaculture, forestry, floriculture and nursery sectors Program ID 226 CUP: B99I21000540001)</p>      <p>UNIVERSITÀ DI PARMA DIPARTIMENTO DI SCIENZE DEGLI ALIMENTI E DEL FARMACO DIPARTIMENTO 2023 DI ECCELLENZA 2027</p>	<p>ORGANIC CHEMISTRY Determination of significant allergens in the wheat supply chain and further evaluation of the effects of processing</p>
1	<p>Funded by The Italian National Research Council C.N.R. - IBBA</p>	<p>ANIMAL SCIENCE Data-driven modelling of quality and sustainability in milk-to-cheese supply chains</p>
1	<p>Scholarship co-funded by the Company “Fondazione Edmund Mach” and co-funded by the Company Soremartec Italia S.r.l.</p>	<p>FOOD TECHNOLOGY Innovative ingredients for ice cream production</p>
POSITION RESERVED		
<p>Industrial PhD reserved for employees of the Company Centro di Sperimentazione Laimburg (with salary maintained)</p>		2



ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 50 points
(a minimum score of 30 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 70 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit a **motivated REQUEST** as per the model attached to the competition announcement)

The ORAL test involves the presentation and discussion of the research project by the candidate without the aid of any Powerpoint presentation or other applications, and is aimed at verifying the candidate's aptitude for scientific research and his/her general preparation on topics relating to research topics of the doctoral course.

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in reading and translating of a scientific test.
For foreign candidates, basic knowledge of **ITALIAN LANGUAGE** will also be assessed.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page <http://unipr.esse3.cineca.it/Home.do> in the days preceding the date of the Oral Exam

ORAL EXAM

DATE

3rd September 2026 (with possible extension in the following days)

TIME

09:30 am (Italian Time)

PLACE

ROOM A
PHARMACY BUILDING
Food and Drug Department
Parma Area della Scienze, 27/A - Campus
43124 PARMA - ITALY

FURTHER INFORMATION

The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.

THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

For foreign candidates it is possible to carry out the admission examination exclusively in English. For Italian candidates it will be possible to take the admission examination in Italian or in English at the candidate's choice

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A

(art. 3.2 of the Competition notice)

Identification Document

Scanned Copy of a valid identity document with photo (i.e. identity card, passport)



Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	<p>The research project shall consist of a maximum of 2 pages, be written in English, according to the format attached to the competition notice.</p> <p>It will have to focus on an original research topic (unpublished, developed personally by the candidate, PENALTY NOT EVALUATION. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project), concerning one of the specific topic indicated in this notice and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 20 points
Research Project	Points relating to the research project shall be allocated on the basis of the following criteria: <ul style="list-style-type: none"> ○ Scientific value and or originality of the proposal: max 10 points ○ description and structure of the proposal: max 5 points ○ proposal feasibility: max 5 points 	Up to 20 points
Statement of Research Interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 2 points
Scientific Publications	Articles and/or reviews in scientific journals with peer reviewing, scientific book chapters with national or international circulation. The explicit indication of the candidate's contribution to the works presented for evaluation is a necessary requirement. International peer-reviewed papers: up to 2 points	Up to 3 points



	National peer-reviewed papers: up to 1 point	
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program	Up to 2 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ English reading and speaking and for foreign candidates also Italian language: up to 10 points ○ research project presentation: max 40 points ○ general knowledge of issues connected to the PhD course: max 20 points 	Up to 70 points



DRUG SCIENCES	
CYCLE	XLII
COORDINATOR	Prof. Fabio SONVICO email: fabio.sonvico@unipr.it Food and Drug Department
DURATION	3 years
START DATE	01/11/2026
CURRICULA	1. Innovation in Pharmaceutical Sciences 2. Products for the food and health markets
POSITIONS AVAILABLE	10
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and RESEARCH PROJECT Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD programme in 'Pharmaceutical Sciences' aims to train PhD graduates with the necessary competences and skills to enter the field of research with a specific focus on the design, discovery, development, production and control of medicines and healthcare products, along with the understanding their mechanisms of action at the biomolecular level.</p> <p>The programme includes teaching specifically tailored to PhD students, both within the disciplinary fields described above and in multidisciplinary and interdisciplinary areas. Multidisciplinarity and interdisciplinarity are key features of the PhD programme, which has the concrete objective of driving innovation in the field of pharmaceutical sciences from diverse perspectives and through varied approaches.</p> <p>The PhD research projects, which culminate in the doctoral thesis, are supervised by experienced scientists who, in addition to guiding the PhD student's training, encourages them to achieve scientific objectives (publications, conference presentations) or technology transfer objectives (patents, licences).</p> <p>As a rule, PhD students spend a training period of at least six months at prestigious foreign research institutions, supported by our University's membership of the ULLA consortium, which facilitates mobility towards high-profile institutions such as Uppsala University – Faculty of Pharmacy (Sweden), University College London – School of Pharmacy (United Kingdom), Leiden University – Leiden Academic Centre for Drug Research (the Netherlands), VU Amsterdam – Chemistry and Pharmaceutical Sciences (the Netherlands), University of Copenhagen – Drug Research Academy (Denmark), Université Paris-Saclay – Faculty of Pharmacy (France), KU Leuven – Faculty of Pharmaceutical Sciences (Belgium), University of Helsinki – Faculty of Pharmacy (Finland), Université de Genève – School of Pharmaceutical Sciences.</p>	
RESEARCH AREAS	
<p>The central theme that brings together the different disciplines and methodologies of the PhD Programme is the pharmaceutical research and development, which requires the training of PhD students capable of producing innovation and introducing new knowledge in the field of design, production and control of medicinal and health products, as well as their interactions with biological substrates.</p>	



In this context, the course is divided into five more specific areas in which the research activities of doctoral candidates can be realised, namely:

- Design and synthesis of biologically active compounds, in the fields of medicinal chemistry;
- Biopharmaceutics & pharmacokinetics, within the field of pharmaceuticals;
- Experimental pharmacology and toxicology;
- Biochemistry and molecular biology;
- Bio-organic chemistry.

Position with Scholarship		
N°	Funding entity	Research Topic
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none"> • Design and synthesis of biologically active compounds, in the fields of medicinal chemistry; • Experimental pharmacology and toxicology.
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Centre Biopharmanet TEC	Cross-talk between iron and sulfur assimilation in <i>S. aureus</i> and <i>P. aeruginosa</i> : biochemical characterization of key proteins to uncover regulatory mechanisms and therapeutic targets.
1	Partially funded by University and Cariparma Foundation funds and co-funded by Food and Drug Department	Development of pressurized inhalation products using eco-friendly propellants
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Centre Biopharmanet TEC	Production of recombinant α -galactosidases to remove ABO antigens during normothermic perfusion from organs intended for transplantation, to improve compatibility, quality and clinical availability.
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Centre Biopharmanet TEC	Nasal delivery of biopharmaceuticals for the treatment of CNS diseases: preclinical models and mechanistic studies.
1	Partially funded by University and Cariparma Foundation funds and co-funded by the Company Bioversys s.a.	Synthesis of rifamycin analogues for the treatment of MDR Gram negative infections
1	Partially funded by University and Cariparma Foundation funds and co-funded by Food and Drug Department	Formulation strategies for the treatment of respiratory conditions
POSITION RESERVED		
Industrial PhD reserved for employees of the company Chiesi Farmaceutici S.p.A. (with salary maintained)		2

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 50 points

(a minimum score of 30 points shall be required to be admitted to the Oral Exam)

ORAL EXAM: up to 70 points

Minimum score for ELIGIBILITY: 70/120



ORAL EXAM PROGRAM

THE ORAL EXAM TAKES PLACE IN THE PRESENCE.

The **ORAL EXAM** includes the **presentation of the research project** and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course

Foreign Language

the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in reading and translating of a scientific text related to the research topics of the doctoral course.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS

It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page <http://unipr.esse3.cineca.it/Home.do> in the days preceding the date of the Oral Exam. **Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.**

ORAL EXAM

DATE

1st September 2026

TIME

09.30 am (Italian Time)

PLACE

Aula B
PHARMACY BUILDING
Food and Drug Department
Parco Area delle Scienze, 27/A
43124 PARMA - ITALY

FURTHER INFORMATION

The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.

THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

For foreign candidates it is possible to carry out the admission examination exclusively in English. For Italian candidates it will be possible to take the admission examination in Italian or in English at the candidate's choice

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A

(art. 3.2 of the Competition notice)

Identification Document

Scanned Copy of a valid identity document with photo (i.e. identity card, passport)

Curriculum Vitae et studiorum

No specific CV format is required (see art. 3.2 of the Competition notice)

Abstract of degree thesis

Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)

Academic Qualifications

Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice):
University that granted the degree - Type of degree (first cycle/second cycle/single cycle)



	Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	<p>The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focused on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document.</p> <p>It should be noted that the Examination Board can use tools useful for verifying the originality of the submitted Project.</p> <p>During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by documents in Italian or in English will be evaluated)		
Curriculum Vitae et studiorum	Including university career as well as post-graduate experiences (1st and 2nd level Master's degrees, advanced/specialization courses) accompanied by a self-certification of the exams taken and the related grades and the degree grade.	Up to 10 points
Graduation thesis	Congruence with the research topics of the PhD course and quality of the research methodology	Up to 10 points
Research Project	<p>Points relating to the research project shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> ○ Scientific value and ground-breaking nature of the proposal: 5 points ○ description and structure of the proposal: 5 points ○ consistency with the themes of the doctorate: 5 points 	Up to 15 points
Scientific Publications	Articles and/or reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings.	Up to 5 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 10 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ research project argumentation: max 30 points ○ general knowledge of scientific aspects related to the PhD course: max 30 points ○ knowledge of the foreign language: max 10 points 	Up to 70 points



EARTH SCIENCES	
CYCLE	XLII
COORDINATOR	Prof. Fabrizio BALSAMO email: fabrizio.balsamo@unipr.it Department of Chemistry, Life Sciences and Environmental Sustainability
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	5
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission: <ul style="list-style-type: none">– "Laurea Magistrale" LM-11 Science for the conservation of cultural heritage– "Laurea Magistrale" LM-35 Environmental Engineering– "Laurea Magistrale" LM-60 Natural Sciences– "Laurea Magistrale" LM-74 Geology– "Laurea Magistrale" LM-75 Environmental and land sciences– "Laurea Magistrale" LM-79 Geophysics as well as the equivalent "laurea specialistica" or "laurea" achieved based on the university system in force before the entry into force of Italian Ministerial Decree No. 509/99 <ul style="list-style-type: none">– Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral programs Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
	The main objective of the Doctorate Course in Earth Sciences is to provide highly qualified teaching and research paths within numerous scientific disciplinary sectors of the Geosciences, also from an interdisciplinary perspective.
RESEARCH AREAS	
	<ol style="list-style-type: none">1. Palaeontology and Palaeoecology2. Stratigraphy and Sedimentology3. Structural Geology and Tectonics4. Physical Geography and Geomorphology5. Applied Geology6. Mineralogy7. Petrology and Petrography8. Geochemistry and Volcanology9. Geophysics and Applied Geophysics



Position with Scholarship		
N°	Funding entity	Research Topic (the complete description of the research topics is visible in "Notices from the course" on the website https://corsi.unipr.it/en/phd-ster)
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none"> • Analysis of the petrophysical and microstructural properties of deformation bands developed in porous sandstones under compressive stress regime (AREA no. 3) • The Southern Tyrrhenian volcanic seamounts: petrological constraints on magma dynamics (AREA no. 7) • Volatile Evolution and Magma Reservoir Architecture in Active Volcanoes (AREAS no. 6 and no. 8) • Analysis of processes in the Critical Zone of anthropized mountain environments of the Alps and Apennines (Dott.ssa A. Masseroli) (AREAS no. 4 and no. 5) • Inference of contemporary, GNSS-base Euler-vectors of tectonic plates via the use of Bayesian-inference and machine learning (AREA no. 9) • Mediterranean Paleobathymetric and Paleogeographic Evolution Since the Late Miocene (AREAS no. 1, no. 2, no. 3 and no. 9) • Magmatic Processes and Source Evolution in the Mariana Arc: new insights from drilled volcanics and gabbros (DSDP Leg 60) (AREAS no. 7 and no. 8)
1	Fully funded by Cariparma Foundation	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Chemistry, Life Sciences and Environmental Sustainability (funds Project "Dipartimenti di Eccellenza")	<ul style="list-style-type: none"> • Mediterranean Evaporites: multiscale characterization of the deformative structures and implications for fluid circulation (AREAS no. 2 and no. 3)
1	Funded by the Company ENI S.p.A.	<ul style="list-style-type: none"> • Structural and petrophysical characterization and modeling of fault zones (AREA no. 3)

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 50 points
(a minimum score of 30 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 70 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

Applicants admitted to the ORAL EXAM can take it either in PRESENCE or REMOTELY in Audio and Video Teleconference
(Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice)



The ORAL EXAM includes the presentation and discussion of the research project by of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course

Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The assessment of knowledge of this language will be oral and will consist in reading and translating a paragraph of scientific text.
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SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	3 rd September 2026 (with possible extension in the following day)	
	TIME	09:00 am (Italian Time)	
	PLACE	Department of Chemistry, Life Sciences and Environmental Sustainability EARTH SCIENCES BUILDING Parco Area delle Scienze, 157/A – Campus 43124 PARMA - ITALY	
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.	
THE INTERVIEW MAY BE HELD ALSO IN ENGLISH		For foreign candidates, the admission examinations may be held in English at the candidate's choice.	

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).



Research Project	<p>Written in Italian or in English, according to the format attached to the competition notice. It will have to focus on an original research topic (unpublished, developed personally by the candidate, PENALTY NOT EVALUATION. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project).</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board.</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	<p>Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.</p> <p>The marks of the exams and the graduation mark will be the most relevant element of the evaluation.</p>	Up to 6 points
Graduation thesis	<p>Congruence with the research topics of the PhD course and quality of the research methodology</p>	Up to 8 points
Research Project	<p>Points relating to the research project shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> ○ Scientific value and or originality of the proposal: max 8 points ○ description and structure of the proposal: max 3 points ○ proposal feasibility: max 3 points ○ consistency with the research themes of the PhD course: max 8 points 	Up to 22 points
Statement of Research Interest	<p>Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests</p>	Up to 1 point
Scientific Publications	<ul style="list-style-type: none"> ○ Abstract presented at a national or international congress: 0,5 point ○ Articles on scientific journals (ISI/SCOPUS): 2 points ○ Other publication (related to the topics of PhD program): 1 point 	Up to 5 points
Graduation mark	<p>Score related to the final mark:</p> <ul style="list-style-type: none"> - 110 and 110 with honours (magna cum laude): 5 points - from 107 to 109: 4.5 points - from 105 to 106: 3.5 points - from 100 to 104: 2.5 points - from 95 to 99: 1 point - under 95: 0.5 points 	Up to 5 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	<p>Score related to the average of the exam marks:</p> <ul style="list-style-type: none"> - from 28 to 30: 5 points - from 27 to 27.99: 4.5 points - from 26.5 to 26.99: 3.5 points - from 26 to 26.49: 2.5 points 	Up to 5 points



	- from 25 to 25,99: 1 point - under 25: 0.5 points	
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program	Up to 1 point
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> ○ Periods of study abroad: 1 point ○ Scholarships, scientific associations awards: 1 point 	Up to 2 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ knowledge of foreign languages: 5 points ○ research project presentation: 50 points ○ general knowledge of issues connected to the PhD course: 15 points 	Up to 70 points



PHILOSOPHY, SOCIAL SCIENCES, CULTURAL AND ENVIRONMENTAL HERITAGE	
CYCLE	XLII
COORDINATOR	Prof.ssa Federica VERATELLI e-mail: federica.veratelli@unipr.it Department of Humanities, Social Sciences and Cultural Industries
DURATION	3 years
START DATE	01/11/2026
CURRICULA	1. Philosophical Sciences 2. Socio-Anthropological Sciences 3. Educational Sciences 4. Art History, Music and Performing Arts
POSITIONS AVAILABLE	5
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• Second-level academic diploma awarded by Italian institutions of Higher Education in Art, Music and Dance (AFAM), deemed equivalent to second-cycle academic qualifications for the purpose of admission to PhD programmes, in accordance with Italian regulations• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The objectives of the PhD programme, in line with the Dublin Descriptors for the third cycle, contribute to the achievement of a set of skills and competences required for the award of the final qualification:</p> <ul style="list-style-type: none">• full understanding of the disciplinary field of research, as represented by the relevant curriculum, and mastery of the associated research and analytical methods;• ability to design, implement and adapt a research process, taking into account the ethical issues related to the production of knowledge;• ability to conceive and carry out original research capable of extending the frontiers of knowledge;• development of skills in critical analysis, evaluation and synthesis of new and complex ideas;• achievement of a level of dissemination and communication appropriate to one's research field;• engagement in the promotion, in academic and professional contexts, of one's research results through participation in conferences and scientific publications;• drafting of a research thesis and preparation for its defence before an examination committee at the end of the three-year programme. <p>The educational objectives of the PhD programme in Philosophical, Social, Cultural Heritage and Environmental Sciences are primarily aimed at providing students with a training project consistent with the expected professional profiles — ensured by the different curricula — and with the knowledge and competences, both disciplinary and interdisciplinary, associated with them.</p> <p>The training project consists of a number of enabling elements, including in particular:</p>	





- the financial and structural resources available and the specific opportunities offered by the University, including its links with the local area in which it operates, namely relations with research institutions, the business sector, and various cultural and social institutions that are attentive to the themes of the PhD programme and open to different forms of collaboration;
- the network of national and international relations developed by the University and by the members of the Academic Board, which ensures constant alignment with the cultural and scientific development of the disciplines covered by the PhD programme, as well as sustainable, effective mobility consistent with the research being carried out, and offers cooperation opportunities at various levels for PhD candidates, who will benefit from financial support in accordance with the regulations in force;
- the central role of PhD candidates, whose growth as an integral part of the scientific community is promoted and supported both through the organisation of shared activities involving the various curricula and through disciplinary activities specific to the relevant curriculum, including participation, also as speakers, in national and international conferences, workshops and/or training schools;
- the strongly interdisciplinary nature of the PhD programme, based on prior and well-established interaction among the members of the Academic Board belonging to the different curricula, who are involved in common research projects and teaching activities, thereby ensuring various opportunities for collaboration and supporting a multifaceted training experience that is not limited to one's own disciplinary field.

CURRICULA AND RESEARCH AREAS

- **Philosophy.** Within the field of Philosophical Sciences, PhD candidates will develop their critical, logical and argumentative skills, as well as their knowledge of the history of philosophy. At the same time, the interdisciplinary nature of knowledge will be enhanced, considering thematic intersections with the other curricula of the PhD programme. PhD candidates in Philosophical Sciences will be enabled to carry out original research requiring skills in conceptual analysis, argumentation, and historical and philological documentation in the fields of theoretical philosophy, moral philosophy, political and social philosophy, philosophy of language, aesthetics, and the history of medieval, modern and contemporary philosophy.
- **Social and Anthropological Sciences.** Within the PhD programme in Philosophical, Social, Cultural Heritage and Environmental Sciences, the curriculum in Socio-Anthropological Disciplines aims to investigate the transformations of contemporary society in the light of ongoing social, cultural and environmental processes at national and international level. By privileging qualitative methodologies, the curriculum promotes diversified and interconnected perspectives and topics, including mobility and migration, sustainability, social and affective relations, cosmologies, religions and consciousness, social movements, gender, borders and frontiers, educational practices and pathways, and processes of heritage-making and decolonisation.
- **Educational Sciences.** The curriculum in Educational Sciences aims to provide research training in all pedagogical fields — GSD 11/PAED-01 and 11/PAED-02 — also in relation to the field of cultural geography — GEOG-01/A — with particular attention to methodological aspects and interdisciplinary connections with the other curricula of the PhD programme. The training pathway will be personalised based on the students' research projects. Specifically, training in pedagogical theory and epistemology will interact with philosophical disciplines; training in the history and cultures of education will engage with the PhD programme in Historical and Textual Sciences; training in didactics and special pedagogy will connect with the artistic area, particularly museum education, and with the socio-anthropological area on issues of school and social inclusion, mediation, marginality and deviance. Training in research methodology and social statistics may relate to all curricula for the appropriate definition of research designs and the analysis of collected data. The themes of educational spaces, landscape and environmental education will constitute further aspects of the curriculum's interdisciplinary vocation. Discipline-specific teaching will be complemented by cross-cutting modules offered to the entire doctoral school, concerning scientific communication, participation in conferences and competitive calls, and training in innovative teaching methods in school and university contexts.
- **Art History, Music and Performing Arts.** The curriculum in Art History, Music and Performing Arts aims to train PhD candidates in the fields of cultural and creative expression, through disciplines devoted to the study, protection and enhancement of cultural heritage, both tangible and intangible. Through study and research in art history, theatre, cinema, television, photography, new media and musicology, museology and the history of collecting, library science and archival studies, aesthetics, and cultural heritage legislation — also thanks to interaction with the other curricula of



the PhD programme — PhD candidates will be able to carry out original research with a strong interdisciplinary character. This will enable them to investigate artistic and cultural production in depth, expanding the horizons of knowledge towards a more cohesive and sustainable future.

Positions with Scholarship		
N°	Funding entity	Research Topic or Curricula or Areas
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation) 	<ul style="list-style-type: none"> Philosophy Social and Anthropological Sciences
1	Fully funded by Cariparma Foundation 	<ul style="list-style-type: none"> Art History, Music and Performing Arts
Positions with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Humanities, Social Sciences and Cultural Industries (funds DUSIC_PEDAGOGIA_RICERCA)	Building the educating community: an empirical study on spaces of possibility and emerging educational needs
1	Department of Humanities, Social Sciences and Cultural Industries (funds DUSIC_PEDAGOGIA_RICERCA)	Growing Through Emerging Educational Challenges: an empirical study within 0-13 educational and training contexts

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 80 points
(a minimum score of 40 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 40 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM IS IN PRESENCE

The **ORAL test involves the presentation and discussion of the research project** by the candidate and is intended to verify the candidate's aptitude for scientific research and his/her general preparation on topics related to the doctoral course.

Foreign Language
the fluency of which shall be assessed during the Oral Exam

**FRENCH,
ENGLISH,
GERMAN**
(AT THE CANDIDATE'S CHOICE)

The evaluation of the knowledge will be oral and will consist in reading and translating of a scientific text.

SCHEDULE OF THE ADMISSION EXAMS



ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area at: http://unipr.esse3.cineca.it/Home.do in the preceding day the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAM	DATE	3 rd September 2026 (with possible extension to the following day)
	TIME	10:00 am (Italian Time)
	PLACE	GREAT HALL "Scivoletto" Department of Humanities, Social Sciences and Cultural Industries Borgo Carissimi, 10 43121 PARMA - ITALY
FURTHER INFORMATION		<p>The choice of curriculum to be expressed in Annex A and during the online application procedure by the candidate, is not mandatory for the purposes of possible award of the scholarship by the Examination Board.</p> <p><u>The PhD research topic will be assigned by the Academic Board</u></p>
	THE INTERVIEW MAY BE HELD ALSO IN ENGLISH	<p>For foreign candidates, the admission examinations may be held in Italian or in English at the candidate's choice.</p> <p>For foreign candidates, knowledge of the Italian language level B2 is required.</p>

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT	
MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION	
ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 20.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications. It must focus on an original research topic.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>



LIST OF EVALUABLE QUALIFICATIONS (only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including a university career, accompanied by a declaration in lieu of certification of the profit examinations taken and the relative marks, as well as post-graduate experience, including stays abroad, if they were carried out in an academic or research context. Any master's, postgraduate or specialization qualifications and research grants will be assessed under 'other qualifications'.	Up to 15 points
Graduation thesis	Congruence with the research topics of the PhD course and quality of the research methodology.	Up to 10 points
Research Project	Points relating to the research project shall be allocated based on the following criteria: <ul style="list-style-type: none"> ○ scientific value and originality of the proposal ○ description and structure of the proposal ○ proposal feasibility ○ consistency with the research themes of the PhD course 	Up to 30 points
Scientific Publications	Monographs, articles in scientific journals, chapters of books, convention papers, reviews, catalog entries. <i>Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.</i>	Up to 10 points
Other Academic or professional qualifications	First or second level master's degree obtained in Italy and/or specialization degree in subjects consistent with the curricula of this PhD program, ost-graduate scholarships, professional activity consistent with the field of research.	Up to 15 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation and discussion of the candidate's research project and aims to test the candidate's aptitude for scientific research and general preparation on topics related to the research themes of the PhD course.	<ul style="list-style-type: none"> ○ knowledge of the foreign language: 5 points ○ disciplinary knowledge, methodological and argumentative skills: 35 punti 	Up to 40 points



JURIDICAL SCIENCES	
CYCLE	XLII
COORDINATOR	Prof. Francesco MAZZACUVA email: francesco.mazzacuva@unipr.it Department of Law, Politics and International Studies
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	3
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD course in Legal Sciences envisages the performance of a plurality of higher education activities, throughout the three-year period, variously articulated.</p> <p>First of all, the doctoral course intends to enhance - from the first year - interdisciplinary/multidisciplinary/transdisciplinary activities, through the provision of various courses on topics of general legal interest or, in any case, transversal for the training of doctoral students. The related courses (some delivered exclusively in English) will be taught by university lecturers, including foreign ones, and by experts in the various scientific-disciplinary sectors involved, so as to foster the acquisition of skills and professionalism really suited to the training objectives of the course (described below), in terms of methodology, reasoning and analysis in the legal field, in relation to the in-depth knowledge required for the professional outlets. In addition to these courses, there is also teaching aimed at perfecting the doctoral students' language skills in the legal field. These teaching activities will be carried out - in particular, although not exclusively - in the first year of the doctoral program, in order to enable doctoral students, on the one hand, to acquire a solid and interdisciplinary 'initial' training, also with regard to methodological profiles and the tools necessary for research; on the other hand, to give them the opportunity in the following years to perfect their skills in specific subject areas, also through periods of residence abroad, with a view to then writing their doctoral thesis. The doctoral course also envisages reinforcing the theoretical skills of the doctoral students through lectures (also in foreign languages) on legal issues related to the individual scientific disciplines of Area 12, held by university professors or researchers, also from outside the teaching staff, Italian or foreign, as well as by experts in the field, also from abroad.</p> <p>Starting from the second year, the doctoral course intends to promote the gradual maturing and empowerment of doctoral students in the performance of teaching activities in favor of those enrolled in the doctoral course, realised through the organisation - left to the autonomous initiative of the doctoral students, under the supervision of the coordinator and their tutors - of seminar cycles on topics of interdisciplinary or transversal interest. In these contexts, the doctoral students will be called upon to deliver papers and speeches, which will be followed by debate among all those enrolled in the course.</p> <p>Lastly, the doctoral course intends to enrich the training of doctoral students by encouraging their participation, also as speakers or panelists, in conferences, study meetings, seminars (typically, though not exclusively, organised or sponsored by universities, including foreign ones, and by national or international research bodies), also abroad, which from time to time will be accredited as moments of joint, interdisciplinary or sector teaching.</p>	
RESEARCH AREAS	



- GIUR-10/A (IUS/14) – European Union Law
- GIUR-14/A (IUS/17) – Criminal Law
- GIUR-06/A (IUS/10) – Administrative Law

Position with Scholarship		
N°	Funding entity	Research Topic
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	<ul style="list-style-type: none">• GIUR-10/A (IUS/14) – European Union Law• GIUR-14/A (IUS/17) – Criminal Law
1	Fully funded by Cariparma Foundation	<ul style="list-style-type: none">• GIUR-06/A (IUS/10) – Administrative Law

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 70 points
(a minimum score of 35 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 50 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit **a motivated REQUEST** as per the model attached to the competition announcement)

The ORAL EXAM includes the presentation and discussion of the research project by of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course.

Foreign Language
the fluency of which shall be assessed during the Oral Exam

ENGLISH

The evaluation of the knowledge of this language will be oral and will consist in translating of a scientific text

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	3 rd September 2026 (with possible extension in the following days)
	TIME	12:00 pm (Italian Time)
	PLACE	"BANDIERA" CLASSROOM University of Parma - CENTRAL PALACE – 1 st FLOOR Via Università, 12 43121 PARMA - ITALY



FURTHER INFORMATION	<p>The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.</p>	
	THE INTERVIEW MAY BE HELD ALSO IN ENGLISH for foreign candidates	<p>For foreign candidates, the admission examinations may be held in English at the candidate's choice.</p>

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications. It must focus on an original research topic. In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	

LIST OF EVALUABLE QUALIFICATIONS

(only qualifications attested by a document drawn up in Italian or in English)

Curriculum Vitae et studiorum	<p>Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. As an example, the following experiences will be evaluated:</p> <ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship 	Up to 35 points
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	<ul style="list-style-type: none"> – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) <p>Score related to the final mark:</p> <ul style="list-style-type: none"> - 110 with honours (magna cum laude): 20 points - 110: 16 points - from 108 to 109: 12 points - from 106 to 107: 8 points - from 104 to 105: 4 points <p>Score related to the average of the exam marks (if the candidate will attain the degree no later than 31 October 2026):</p> <ul style="list-style-type: none"> - From 29/30 to 30/30: 16 points - From 28/30 to 28,99/30: 8 points - From 27/30 to 27,99/30: 4 points 	
Graduation thesis	Congruence with the research topics of the PhD course for the scientific disciplinary sectors available for competition	Up to 5 points
Research Project	<p>Points relating to the research project:</p> <ul style="list-style-type: none"> ○ methodological rigor: max 10 points ○ originality: max 8 points ○ consistency with the chosen research area: max 2 points 	Up to 20 points
Statement of Research Interest	Short text – maximum 3 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 2 points
Scientific Publications	<p>Monographs, articles in scientific journals, chapters in collective volumes (uniquely referable to the candidate).</p> <p><i>Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.</i></p>	Up to 5 points
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ presentation of the project: max 30 points ○ preparation on the topics of the scientific disciplinary sector of reference for the project: max 20 points 	Up to 50 points



TRASLATIONAL MEDICAL AND SURGICAL SCIENCES	
CYCLE	XLII
COORDINATOR	Prof. Gabriele MISSALE email: gabriele.missale@unipr.it Department of Medicine and Surgery
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	9
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Test in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none">• a Master's degree (Laurea Magistrale or equivalent);• a degree awarded under the previous Italian system;• an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
<p>The PhD Program in Translational Medical and Surgical Sciences is designed as a multidisciplinary doctorate, where the common denominator of the various research activities conducted by PhD students is the application of acquired knowledge to clinical practice. Indeed, the close link between preclinical and clinical research will enable the transfer of discoveries and methodological skills acquired through experimental studies into medical practice. This will allow PhD students to address real-world issues ranging from diagnosis to therapy, and from prevention to rehabilitation, which are nonetheless fundamentally linked to human pathology and patient care.</p> <p>The bidirectional exchange between laboratory and clinical research will feed the results of clinical and epidemiological observation back into the laboratory, while simultaneously anchoring experimental research to topics arising from inputs and verifications carried out directly on humans.</p> <p>Therefore, the ultimate goal of the PhD Program in Translational Medical and Surgical Sciences is to train highly qualified PhD graduates, offering them the opportunities, skills, and technological resources necessary to conduct high-level translational research within public or private, national or foreign entities, including—but not limited to—Universities, Research Institutes, and PharmaMed Industries.</p>	
RESEARCH AREAS	
<ol style="list-style-type: none">1. Stem cells in the diagnosis and therapy of neoplasms, chronic and degenerative diseases, cardiovascular diseases, and musculoskeletal disorders;2. Translational medicine and immunological dysregulation in digestive, respiratory, infectious, hematological, oncological, endocrinological, nephrological, and dermatological diseases, as well as vasculitis;3. Plasticity, function, and diagnostic-therapeutic use of genomic, transcriptomic, proteomic, and metabolomic platforms of cells, organs, and tissues in the prevention or presence of neoplasms, infections, genetic, chronic, dysmetabolic, and degenerative diseases, obstetric-neonatal conditions, and in response to environmental factors, lifestyles, and drugs;4. Development and "theranostic" function of technologically advanced imaging and phenotyping platforms in the prevention or presence of neoplasms, infections, chronic, dysmetabolic, and degenerative diseases, obstetric-neonatal conditions, and in response to environmental factors, lifestyles, and drugs;5. Development and application of technologically advanced devices, including those of biological composition or origin, for measuring, supporting, or replacing the function of cells, tissues, and organs in medical and surgical diseases;	



6. Advanced and innovative strategies for functional recovery and rehabilitation in the prevention or presence of neoplasms, infections, chronic, dysmetabolic, and degenerative diseases, obstetric-neonatal conditions, and in response to environmental factors, lifestyles, and drugs;
7. The role of governance and organization of healthcare systems and services in the prevention and care of diseases of major social and economic relevance, including illnesses caused by environmental noxious agents and occupational diseases;
8. The role of the microbiota and microbiome in translational medicine and surgery;
9. Extraction and role of "big data" in translational medicine and surgery;
10. The role of advanced technologies, including robotics, in translational surgery;
11. The role of qualitative and quantitative imaging in the diagnosis of neoplasms, infections, and chronic-degenerative diseases.

Position with Scholarship		
N°	Funding entity	Research Topic, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Medicine and Surgery (funds project CODICE FERR_C_23_PRIN_PNR R-P2022WEXP2_01 CUP D53D23016420001 Prof.ssa Boni)	Modulation of the immune response in patients undergoing treatment for chronic hepatitis B and hepatitis delta co-infection
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Medicine and Surgery (funds project CODICE MASTER_II_2024-25_RICERCA_PRECLINICA-E-CLINICA Prof.ssa Esposito)	Multicenter study on pediatric tuberculosis in Italy: analyzing epidemiology, diagnosis, clinical phenotypes, treatments, safety, and outcomes to improve care pathways"
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Medicine and Surgery (funds project CODICE TISEO_2020_CT_AOUPR_ASTRAZENACA_SAVANNAH Prof. Tiseo)	Clinical and preclinical project aimed at studying metabolic reprogramming as a potential mechanism of resistance to targeted therapy in lung cancer using an integrated multi-omics approach .
1	partially funded by University and Cariparma Foundation funds and co-funded by Soc. Cooperativa Sociale "Corallo" a.r.l	Implementation of a local hospital-community PDTA for diabetic foot complications.
1	funded by the Department of Medicine and Surgery (funds project CODICE ARALDI_2024_HORIZON-EUROPE_ERC-2024-STG CUP D93C24002190006)	Peptide Amidation in Human Endocrine Cells.
1	funded by the Department of Medicine and Surgery (funds project CODICE ROTI_G_25_MUR_01CUP D53C25002530001)	Targeting the origin of chromosome fusion in childhood leukemia.
1	co-funded by the Department of Medicine and Surgery and co-funded by AIL Parma ODV – Associazione Italiana contro Leucemie, Linfomi, Mieloma	Spatial Characterization of the Interaction Between the Microenvironment and the Leukemic Stem Cell Compartment in High-Risk Acute Leukemias



ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 43 points

ORAL TEST: up to 77 points

Minimum score for ELIGIBILITY: 70/120

ORAL TEST PROGRAM

THE ORAL TEST TAKES IN PRESENCE and with the possibility of carrying out the interview **REMOTELY** only for candidates unable to take the test in person for valid health reasons. To this end, candidates must submit **a motivated REQUEST** as per the model attached to the competition announcement)

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research themes of the doctoral course

Foreign Language

the fluency of which shall be assessed during the Oral Test

ENGLISH

The knowledge of the English language will be assessed orally and will consist in reading and translating a scientific text

SCHEDULE OF ADMISSION TEST

ASSESSMENT OF QUALIFICATIONS		It is the candidate's responsibility to verify the outcome of the titles evaluation, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Test. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.
ORAL EXAM	DATE	7 th September 2026 (with possible extension to the following day)
	TIME	09:00 am (Italian Time)
	PLACE	ROOM 1 - POLO GRAMSCI (ROOM 3 – POLO GRAMSCI for the possible extension to September, 8) Department of Medicine and Surgery Via A. Gramsci, 14 43126 PARMA - ITALY
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission test. The PhD research topic will be assigned by the Academic Board.
THE INTERVIEW MAY BE HELD ALSO IN ENGLISH		For foreign candidates, the admission test may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)



Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications. It must focus on an original research topic. In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 9 points
Graduation mark	Score assignable for the final mark: - 110 with honours (magna cum laude): 5 points - 110: 3 points - From 106 to 109: 2 points - From 102 to 105: 1 point	Up to 8 points
Average of the exam marks (only for candidates enrolled under condition and graduating by 10/31/2026)	Score assignable for the average of the exam marks: - 30/30: 5 points - From 28/30 to 29/30: 3 points - From 26/30 to 27/30: 2 points - From 24/30 to 25/30: 1 point	Up to 8 points
Graduation thesis	Congruence with the research topics of the PhD course and quality of the research methodology	Up to 2 points
Research Project	Score assignable for the research project: <ul style="list-style-type: none"> ○ Scientific value and originality of the proposal: max 2 points ○ Description and structure of the proposal: max 1 point ○ Proposal feasibility: 2 points ○ Congruence with the training objectives of the PhD program: 1 point 	Up to 6 points



Statement of Research Interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 1 point
Scientific Publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	Up to 9 points
Reference Letters	A maximum of 2 letters, written by Professors or Researchers from the applicant's University or from other Universities or from experts in the research field working in public or private research facilities. The reference letters must be sent directly by the signer to the address e-mail: paola.storti@unipr.it The candidate, therefore, must not uploading them through the procedure of the competition online registration.	Up to 1 points
Other Academic qualifications	<ul style="list-style-type: none"> • Second level Master's degree and Specialization: 2 points • First level Master's degree and/or Advanced training and/or specialization and/or Higher Education course: 1 point 	Up to 2 points
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> • Research activities (basic, applied, translational, etc.) carried out in any way, including those covered by research grant, and conducted as a staff member of research units • Working activity • Activities at accredited laboratories • Professional and/or training internship • Language proficiency certificates • Periods of study abroad, outside the country of origin (e.g. Erasmus or similar programmes) • Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 5 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL TEST includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ Ability to argument the project proposal: up to 28 points ○ Discussion of the critical points of the project: up to 18 points ○ Ability to provide an adequate scientific context to the project proposal: up to 12 points ○ Ability to mitigate risks deriving from unexpected results: up to 12 points ○ Knowledge of the English language: up to 7 points 	Up to 77 points



VETERINARY SCIENCES	
CYCLE	XLII
COORDINATOR	Prof.ssa Francesca RAVANETTI email: francesca.ravanetti@unipr.it Department of Veterinary Science
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	10
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission: <ul style="list-style-type: none">- "Laurea Magistrale" LM-42 Veterinary Medicine- "Laurea Magistrale" LM-6 Biology- "Laurea Magistrale" LM-8 Industrial Biotechnology- "Laurea Magistrale" LM-9 Medical Biotechnology, Veterinary and Pharmaceutical- "Laurea Magistrale" LM-86 Zootechnical Sciences and Animal Technologies- as well as the equivalent "laurea specialistica" or "laurea" achieved based on the university system in force before the entry into force of Italian Ministerial Decree No. 509/99- Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral programs Undergraduates can also apply for admission to the selection, with the obligation to obtain the degree by 31.10.2026 .
TRAINING OBJECTIVES	
Veterinary Science Doctoral course aims at training PhD-students about research topics on basic, pre-clinical, clinical and nonclinical areas (animal production and food inspection) by novel methodology and technology. PhD student can develop his/her own research project under the supervision of a Tutor and to produce scientific outcomes in the following area: VET, AGR and BIO.	
RESEARCH AREAS	
<ul style="list-style-type: none">• Biopathology• Clinical Sciences• Basic Sciences• Animal Production Sciences and Technologies• Food Inspection and Public Health	

Position with Scholarship		
N°	Funding entity	Research Topic, if any
3	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation "CARLO GABBI"	



Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Veterinary Science (fund Ospedale Veterinario Universitario Didattico (OVUD) P.P._OVUD_2026)	Applications of Indocyanine Green Dye in Veterinary Oncological and Reconstructive Surgery
1	partially funded by University and Cariparma Foundation funds and co-funded by Suivet S.a.s. di Bortolasi Simona & C.	Evaluation of the use of substances with hormonal activity in the reproductive management of sows.
1	funded by Chiesi Farmaceutici S.p.A.	Development and Characterization of Experimental Models of Disease-Associated Interstitial Lung disorders: Integrating Omics, Functional Readouts and Spatial Imaging.
1	funded by Chiesi Farmaceutici S.p.A.	Multimodal, Integrative characterization of experimental models of Bronchopulmonary dyspasia
RESERVED POSITIONS		
Industrial PhD reserved for employees of the company MSD Animal Health S.r.l. (with salary maintained)		1
Industrial PhD reserved for employees of the IVC EVIDENSIA (Pool Equine Hospital) (with salary maintained)		1

ADMISSION ASSESSMENT
<p>Assessment of QUALIFICATIONS: up to 40 points ORAL EXAM: up to 80 points Minimum score for ELIGIBILITY: 70/120</p>

ORAL EXAM PROGRAM			
<p>THE ORAL EXAM TAKES PLACE IN THE PRESENCE.</p> <p>The ORAL EXAM includes the presentation and discussion of the research project by of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course</p>			
<table border="1"><tr><td>Foreign Language the fluency of which shall be assessed during the Oral Exam</td><td>ENGLISH</td><td>Reading, translation and comprehension of a part of an English scientific paper.</td></tr></table>	Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	Reading, translation and comprehension of a part of an English scientific paper.
Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	Reading, translation and comprehension of a part of an English scientific paper.	

SCHEDULE OF THE ADMISSION EXAMS	
ASSESSMENT OF QUALIFICATIONS	<p>It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.</p>



ORAL EXAM	DATE	8 th September 2026 with possible extension in the following days	
	TIME	09:00 AM (Italian Time)	
	PLACE	ROOM "C" Department of Veterinary Science Via del Taglio, 10 43126 PARMA - ITALY	
FURTHER INFORMATION		The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. <u>The PhD research topic will be assigned by the Academic Board.</u>	
		THE INTERVIEW MAY BE HELD ALSO IN ENGLISH	For foreign candidates, the admission examinations may be held in English at the candidate's choice.

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications.</p> <p>It must focus on an original research topic.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>

LIST OF EVALUABLE QUALIFICATIONS

(only qualifications attested by a document drawn up in Italian or in English)



Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark. The marks of the exams and the graduation mark will be the most relevant element of the evaluation.	Up to 2 points
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 3 points; - 110: 2 points; - From 100 to 109: 0.1 points for each mark unit	Up to 3 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2026)	Score related to the average of the exam marks: - 30/30: 3 points; - From 26/30 to 29/30: 2 points; - From 22/30 to 25/30: 1 point; - From 18/30 to 21/30: 0.5 points	Up to 3 points
Graduation thesis	Congruence with the research topics of the PhD course and quality of the research methodology	Up to 5 points
Research Project	Points relating to the research project shall be allocated on the basis of the following criteria: <ul style="list-style-type: none"> ○ Scientific value and or originality of the proposal ○ description and structure of the proposal ○ proposal feasibility ○ consistency with the research themes of the PhD course 	Up to 10 points
Statement of Research Interest	Short text – maximum 1 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests	Up to 5 points
Scientific Publications	Articles published in journals indexed in databases Scopus	Up to 5 points
Reference Letters	A maximum of 2 written by professors or researchers at the University of origin of the candidate or from other universities or from experts in the research areas working in public or private research facilities. They must be sent directly by the signer to the address e-mail: francesca.ravanetti@unipr.it. The candidate, therefore, must not uploading them through the procedure of the competition online registration.	Up to 5 points
Other qualifications	Other qualifications certifying the candidate's training and skills (scholarships, prizes, etc.) relevant to the PhD topics: <ul style="list-style-type: none"> – Scientific research, of any type (basic, oriented, finalized, translational, applied, etc.) and carried out with different level of qualification, including the ownership of research grants and participation in research projects – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus program or other similar mobility programs) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) 	Up to 5 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS



<p>The ORAL EXAM includes the presentation of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course</p>	<ul style="list-style-type: none">○ knowledge of the foreign language: max 10 points○ research project presentation: max 30 points○ general knowledge of issues connected to the PhD course: max 40 points	<p>Up to 80 points</p>
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HISTORICAL AND TEXTUAL SCIENCES	
CYCLE	XLII
COORDINATOR	Prof. Giulio IACOLI email: giulio.iacoli@unipr.it Department of Humanities, Social Sciences and Cultural Industries
DURATION	3 years
START DATE	01/11/2026
CURRICULA	1. Italian Studies 2. Foreign Languages and Literatures 3. Classical Studies 4. Historical Sciences
POSITIONS AVAILABLE	6
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY VIA VIDEO CONFERENCE (only if special requirements are fulfilled, see below)
ADMISSION REQUIREMENTS	<p>Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission:</p> <ul style="list-style-type: none">– Laurea specialistica or Laurea magistrale (second cycle master's degree)– Laurea Vecchio Ordinamento (degree obtained under the previous Italian regulations);– Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral program <p>The qualifications must be included in the classes listed below:</p> <ul style="list-style-type: none">• LM-1 Cultural anthropology and ethnology• LM-2 Archaeology• LM-3 Landscape Architecture• LM-5 Archival and library science• LM-10 Conservation of architectural and environmental heritage• LM-11 Sciences for the conservation of cultural heritage• LM-12 Design• LM-14 Modern philology• LM-15 Philology, literature and history of antiquity• LM-19 Information and editorial systems• LM-36 Languages and literatures of Africa and Asia• LM-37 Modern European and American languages and literatures• LM-38 Modern languages for communication and international cooperation• LM-39 Linguistics• LM-43 IT methodologies for the humanities• LM-45 Musicology and musical heritage• LM-48 Urban, environmental and territorial planning• LM-49 Design and management of tourism systems• LM-52 International Relations• LM-55 Cognitive Sciences• LM-56 Economic Sciences• LM-59 Public, corporate and advertising communication sciences• LM-62 Political sciences• LM-63 Public Administration Sciences• LM-64 Sciences of religions• LM-65 Entertainment sciences and multimedia production• LM-75 Sciences and technologies for the environment and territory• LM-76 Economic sciences for the environment and culture• LM-78 Philosophical Sciences



- LM-80 Geographical Sciences
- LM-81 Sciences for development cooperation
- LM-84 Historical Sciences
- LM-85 Pedagogical sciences
- LM-87 Social work and social policies
- LM-88 Sociology and social research
- LM-89 Art History
- LM-90 European Studies
- LM-92 Communication Theories
- LM-93 Theories and methodologies of e-learning and media education
- LM-94 Specialized translation and interpreting

Undergraduates can also apply for admission to the selection, with the obligation to obtain the degree by **31.10.2026**

TRAINING OBJECTIVES

The objectives of the doctoral course in Historic and Textual Sciences, according to Dublin descriptors for the third cycle, concur to achieve a set of skills and competencies necessary for the final degree:

- full understanding of the disciplinary field of research, as represented by the relevant curriculum, and skills in the research and analytical methods associated with it;
- ability to design, implement and adapt a research process taking into account ethical issues related to knowledge production;
- design and implement original research that can expand the frontiers of knowledge;
- develop skills in critical analysis, evaluation and synthesis of new and complex ideas;
- achieve a level of dissemination and communication appropriate to their field of research;
- engage in activities to promote, in academic and professional contexts, their results through participation in conferences and scientific publications;
- write a research thesis and support it with the prospect of discussing it before a committee at the conclusion of the three years.

The objectives are aimed, first and foremost, at offering students a training project consistent with the outgoing professional profiles (guaranteed by the different curricula) and the knowledge and skills (both disciplinary and interdisciplinary) associated with them. The training project consists of a series of enabling elements, among which we highlight:

- the financial and structural resources available and the specificities offered by the University, including links with the territory in which it is embedded, i.e., relations with research institutions, the business world, various cultural and social organizations, sensitive to the themes of the doctoral course, open and available to different forms of collaboration;
- the network of relationships, both national and international, developed by the University and the members of the Teaching Board, which allow a constant alignment with the cultural and scientific evolution of the disciplines of reference of the Doctorate and a sustainable, effective and consistent mobility with the research developed, and offer prospects for cooperation at various levels for doctoral students, who will benefit from economic support consistent with current regulations;
- the centrality of the doctoral students, whose growth as an integral part of the scientific community is promoted and fostered, both through the organization of aggregating and common activities between the various curricula, and through disciplinary activities characterizing the curriculum of reference, including participation, also as speakers, in congresses, workshops and/or training schools both national and international;
- the strong interdisciplinary character of the doctoral course, based on a previous and consolidated interaction among the various members of the College pertaining to the different curricula, involved in common research projects and teaching activities, which guarantee different possibilities of collaboration to the advantage of a multifaceted training not limited to one's own disciplinary field.

CURRICULA AND RESEARCH AREAS

• ITALIAN STUDIES

The curriculum aims at developing specialistic formations in a wide historical and methodological spectrum, in a variety of disciplines, comprising romance philology to the history and hermeneutics of medieval, modern, and contemporary literature; philology of Italian Literature and linguistics and History of Italian language; the relationship between publishing and literature; literary theory and comparative literature. The curriculum aims at forming researchers who are at ease with both linguistic and philological notions and theoretical ones. They will be able to create critical and annotated editions of texts belonging to the romance or Italian tradition, as well as to innovative analyses in the fields



of literary history, educative linguistics, didactics of language and literature, cultural and thematic studies.

- **FOREIGN LANGUAGES AND LITERATURES**

The curriculum revolves around the study of foreign languages and literatures (English, French, Spanish, German, Russian, Portuguese, Chinese) as well as on their postcolonial expressions. The constant search for original and innovative trajectories favors the connection with most recent theories and methodologies of linguistic disciplines (translation, discourse analysis, corpora studies, lexicography), as well as the theoretical and historical critical analysis of different literary and cultural expression, from Early Modern to the Contemporary Age.

- **CLASSICAL STUDIES**

The curriculum aims at expanding, in the enrolled students, knowledge and competences about classical studies, and especially in the fields of linguistics, classical philology and literature, archaeology, Medieval and Humanistic tradition of Greek and Latin language and culture. Students will be brought to create a critical edition, a commentary, or an essay, concerning texts written in Greek or Latin, or the edition of archaeological sources or contexts, considering the entire timeframe of their tradition, or prolonged life.

- **HISTORICAL SCIENCES**

The curriculum aims at forming young scholars in the critical analysis of the past, from Antiquity to Contemporary age, with a specific focus on socio-economic, institutional-judicial, political-religious, and cultural dimensions of human communities. The curriculum will also involve the history of historiography, intellectual history, the history of political thought, historical geography, and economic history. In this light, the curriculum will promote research paths based on most recent theoretical-disciplinary methods, that will allow students to confront themselves with sources, as well as reconstructing the contexts, as well as classic interpretations and traditions, fostering an original research project, as well as the capacity to look at and reproduce the complexity of the past. In terms of formation, students will acquire solid critical methodologies, among which the capacity to establish a dialogue with archival disciplines, social sciences, and Digital Humanities.

Positions with Scholarship		
N°	Funding entity	Research Topic, if any
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
2	Fully funded by Cariparma Foundation	
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	Funding entity	BOUND RESEARCH TOPIC
1	funded by Department of Humanities, Social Sciences and Cultural Industries	Educational Linguistics From the perspective of educational linguistics and inclusive language education, this project investigates the construction of Italian L2 corpora, drawing on textual collections comprising the writings of non-native speakers in contexts where Italian is a second language (L2) or a foreign language (LS).
1	funded by Department of Humanities, Social Sciences and Cultural Industries	Educational Linguistics This project, which focuses on intercultural communication within the context of inclusive language education, examines the processes by which university students learning Italian as a second language negotiate their linguistic and cultural identities, as revealed through their narratives, and explores the linguistic and educational implications of these processes.



ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 80 points
(a minimum score of 40 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 40 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit **a motivated REQUEST** as per the model attached to the competition announcement)

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research topics of the doctoral course

Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH, FRENCH, SPANISH, GERMAN (AT THE CANDIDATE'S CHOICE)	The evaluation of the knowledge will be oral and will consist in reading and translating of a scientific text
Foreign Language the fluency of which shall be assessed during the Oral Exam for the positions with scholarship LINKED TO SPECIFIC TOPICS	1. ENGLISH (mandatory for all) 2. FRENCH or RUSSIAN or SPANISH or GERMAN (AT THE CANDIDATE'S CHOICE)	Both oral and written linguistic and communicative skills are assessed, particularly receptive and oral production skills, for both languages.

SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	10 th September 2026 (with possible extension to 11 th September 2026)
	TIME	09:00 am (Italian Time)
	PLACE	ROOM b Department of Humanities, Social Sciences and Cultural Industries Via D'Azeglio, 85 43125 PARMA - ITALY
FURTHER INFORMATION	The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. The PhD research topic will be assigned by the Academic Board.	



	THE INTERVIEW MAY BE HELD ALSO IN ENGLISH	<p>For foreign candidates, the admission examinations may be held in Italian or in English at the candidate's choice.</p> <p>For foreign candidates, knowledge of the Italian language level B2 is required.</p>
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LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 3.2 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Academic Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	<p>The research proposal must be written in Italian or English, in accordance with the format attached to the Call for Applications.</p> <p>It must focus on an original research topic.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p> <p><u>The research proposal does not constitute a binding commitment for the subsequent choice of the PhD research topic, which will be assigned by the Academic Board</u></p> <p>Failure to submit the research proposal will result in exclusion from the selection procedure.</p>

LIST OF EVALUABLE QUALIFICATIONS

(only qualifications attested by a document drawn up in Italian or in English)

Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.	Up to 7 points
Graduation mark (or alternatively average of the exam marks)	Score related to the final mark: - 110 with honours (magna cum laude). Alternatively, where this is not yet present: score relating to the average of the exam marks	Up to 1 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics, methodological rigor, knowledge of critical literature	Up to 25 points




Research Project	Points relating to the research project (originality, articulation, feasibility of the proposal)	Up to 28 points
Scientific Publications	Monographs, articles in national and international scientific journals, book chapters, conference proceedings, reviews	Up to 11 points
Other qualifications	Post lauream scholarship, experience abroad, award	Up to 8 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none">○ knowledge of a foreign language (English and a second foreign language for the scholarships linked to specific topics): max 5 points○ knowledge and methodology necessary for the realization of the project: max 35 points	Up to 40 points



INFORMATION TECHNOLOGIES	
CYCLE	XLII
COORDINATOR	Prof. Alberto BONONI email: alberto.bononi@unipr.it Department of Engineering and Architecture
DURATION	3 years
START DATE	01/11/2026
POSITIONS AVAILABLE	9
ADMISSION PROCEDURES	Assessment of QUALIFICATIONS and Research Project Oral Exam in PRESENCE or REMOTELY
ADMISSION REQUIREMENTS	Regardless of age and citizenship, applicants may apply if they hold at least one of the following qualifications: <ul style="list-style-type: none"> • a Master's degree (Laurea Magistrale or equivalent); • a degree awarded under the previous Italian system; • an equivalent academic qualification obtained abroad, recognized as suitable for admission to the PhD programme. Applicants who have not yet graduated may also apply, provided that they obtain their degree by 31 October 2026 .
TRAINING OBJECTIVES	
The course aims at educating the future Ph.D.'s so that they will enter the research world with an active role, within both universities and industries.	
RESEARCH AREAS	
<ul style="list-style-type: none"> • Electronics instrumentation and electrical drives • Computer systems and automatic control • Telecommunications and electromagnetic fields 	

Positions with Scholarship		
N°	<i>Funding entity</i>	<i>Research Topic, if any</i>
2	University of Parma (Ministerial funds, University funds and Cariparma Foundation)	
1	Fully funded by Cariparma Foundation	
Positions with Scholarship LINKED TO SPECIFIC TOPICS (art. 6 of the Competition notice)		
N°	<i>Funding entity</i>	<i>BOUND RESEARCH TOPIC</i>
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Engineering and Architecture (funds Prof. Cova Contract POSE ICO)	Modelling of power electronic devices for the development of new diagnostic techniques applicable to high-power press-pack components (Tristors, GTO, IGCT)
1	partially funded by University and Cariparma Foundation funds and co-funded by the Department of Engineering and Architecture (funds Prof. Bononi, Project BONONI_A_ECO_RB)	Study of spectral hole burning in doped-fiber optical amplifiers



1	partially funded by University and Cariparma Foundation funds and co-funded by the Food and Drug Department (funds Prof. Giuseppe Di Cesare, Project DICE_G_23_MUR_FORMS_01 (FORMS FIS-2023-01129 - Avviso MUR FIS2 D.D. n.1236 del 1-8-2023, CUP D53C25000790001) Prof. Bononi, Project BONONI_A_ECO_RB)	Retargeting and Generation of Human Communicative actions in Social Robots
1	partially funded by University and Cariparma Foundation funds and co-funded by the Company E80 Group S.p.A.	3D Reconstruction of AGV Payload Using an UAV
2	Funded by the Department of Engineering and Architecture (funds Prof. Amoretti, <i>Quantum Internet Alliance - Phase2</i> , - QIA-Phase2, nell'ambito del bando HORIZON-CL4-2025-03-SGA, del programma <i>Horizon Europe</i> – Progetto finanziato dall'Unione Europea, CUP D53C26001130006) 	<ol style="list-style-type: none"> 1) Design and simulation analysis of novel quantum internet use cases) 2) Development of software tools and APIs for open access quantum internet pilots)

ADMISSION ASSESSMENT

Assessment of QUALIFICATIONS: up to 70 points
(a minimum score of 40 points shall be required to be admitted to the Oral Exam)
ORAL EXAM: up to 50 points
Minimum score for ELIGIBILITY: 70/120

ORAL EXAM PROGRAM

THE ORAL EXAM TAKES IN THE PRESENCE and with the possibility of carrying out the interview **REMOTELY** for candidates residing abroad or temporarily abroad for study / work reasons. To this end, candidates must submit **a motivated REQUEST** as per the model attached to the competition announcement)

The ORAL test involves the presentation and discussion of the research project by the candidate and is aimed at verifying the candidate's aptitude for scientific research and his general preparation on topics related to the research topics of the doctoral course

Foreign Language the fluency of which shall be assessed during the Oral Exam	ENGLISH	The entire interview will be in English, and will also serve as a test of your proficiency in this language.
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SCHEDULE OF THE ADMISSION EXAMS

ASSESSMENT OF QUALIFICATIONS	It is the candidate's responsibility to verify the outcome of the evaluation of qualifications, which can be consulted in their reserved area by connecting to the page http://unipr.esse3.cineca.it/Home.do in the days preceding the date of the Oral Exam. Publication on the website constitutes official notification. No individual communication will be sent to candidates by email.	
ORAL EXAM	DATE	8 th September 2026 (with possible extension in the following days)
	TIME	09:00 am (Italian Time)
	PLACE	MEETING ROOM – Building 2 Department of Engineering and Architecture SCIENTIFIC ENGINEERING HEADQUARTERS Parco Area delle Scienze, 181/A – Campus Universitario 43124 PARMA - ITALY



FURTHER INFORMATION	<p>The choice of the Research Topic to be expressed in Annex A is not binding on the assignment of the research project, and it is intended to assess candidates skills during the admission exam. <u>The PhD research topic will be assigned by the Academic Board.</u></p> <p>For foreign candidates all documents written in a language other than Italian will have to be translated into English, otherwise they will not be evaluated</p>
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LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION		
ANNEX A	(art. 3.2 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 3.2 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Academic Qualifications	<p>Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 3.2 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).</p>	
Research Project	<p>Max 10.000 characters, written in English, it will have to focus on an original research topic and structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation.</p> <p><u>It does not represent a constraint with respect to the following choice of the doctoral thesis</u>, that shall be defined together with the supervisor and approved by the Academic Board. However, this project must be prepared after having contacted and consulted one of the research groups related to the PhD course in Information Technologies (information on the research groups and their contacts can be found at https://dia.unipr.it/en/node/3080).</p> <p>It will have to focus on an original research topic (unpublished, developed personally by the candidate, PENALTY NOT EVALUATION. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project)</p> <p>Failure to submit the project will result in exclusion from procedure for admission to the course.</p> <p>In accordance with the Guidelines for the responsible use of Artificial Intelligence in education and research, the candidates must explicitly state whether they have used Generative Artificial Intelligence systems in the production of the research proposal attached to their application form, specifying which tools were used and for which parts of the document. During the oral examination, the Admission Board will assess the candidate's full mastery of the content included in the document and their ability to justify the methodological and scientific choices made in the project.</p>	
LIST OF EVALUABLE QUALIFICATIONS		
(only qualifications attested by a document drawn up in Italian or in English)		
Curriculum Vitae et studiorum	<p>Evaluation of the marks of the exams and of the master's degree mark (if available). The candidate is required to provide the average of the marks of all the exams of the master's degree, in addition to the details of the same</p> <p>It will also be evaluated the congruence of the degree obtained with the PhD themes.</p>	Up to 25 points



Graduation thesis	It will be evaluated the congruence of the Master's Degree thesis with the doctoral program research topics	Up to 5 points
Research Project	Points relating to the research project shall be allocated on the basis of the following criteria: <ul style="list-style-type: none"> ○ Scientific value and originality of the proposal ○ description and structure of the proposal ○ proposal feasibility 	Up to 30 points
Scientific Publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc. Evaluation of the editorial position of the publication and its impact on the scientific community on the basis of the available indicators. It will be evaluated only publications from the past five years. <i>Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.</i>	Up to 5 points
Reference Letters	Maximum 1 letter from professors or researchers belonging to the Collegio Docenti (PhD board) of the PhD in Information Technologies, after a preliminary interview with them. It must be sent directly by the signer to the address e-mail: alberto.bononi@unipr.it (The candidate, therefore, must not upload them through the procedure of the competition online registration).	Up to 2 points
Other experiences (training, work, research, teaching, etc.)	Duration evaluation (for scholarships and internships), score (for the GRE test), prestige (for awards)	Up to 3 points
EVALUATION ORAL EXAM		
Interview Program	Evaluation CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course	<ul style="list-style-type: none"> ○ knowledge of the foreign language ○ research project presentation ○ general knowledge of issues connected to the PhD course 	Up to 50 points