



**NOTICE OF PUBLIC COMPETITION FOR ADMISSION TO PHD PROGRAMMES –
42ND CYCLE
ACADEMIC YEAR 2026/2027**

Art. 1 – ESTABLISHMENT AND ACTIVATION OF PHD PROGRAMMES

- 1.1 The University of Insubria has established the 42nd cycle of three-year PhD programmes. PhD programmes are activated under the condition of accreditation pursuant to Ministerial Decree no. 226/2021. The title of PhD is conferred by the Rector and is awarded at the end of the cycle upon passing the final examination.
- 1.2 Any changes, updates or additions regarding the scholarships in this notice will be published by special order exclusively on the University website <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>

Art. 2 – REQUIREMENTS FOR ADMISSION TO THE COMPETITION

- 2.1 Applicants may apply to the competition for admission to the PhD programme, with no age or nationality restrictions, if they hold a specialised or Master's degree or a degree awarded according to the regulations in force prior to Ministerial Decree 509/1999, awarded in Italy or an equivalent academic qualification from a foreign university.
- 2.2 The application may also be submitted, *sub condizione*, by graduating students, provided that they notify by **31 October 2026** by email to scuola.dottorato@uninsubria.it, sending a declaration in lieu of certification, the date on which they obtained the required qualification, under penalty of forfeiting their admission to the competition.
- 2.3 The assessment of the suitability of foreign degrees is the responsibility of the Selection Board of each PhD programme in compliance with the relevant legislation in force in Italy and in the country where the degree was awarded and with international treaties or agreements on the recognition of degrees for the pursuit of studies.
- 2.4 All candidates are admitted to the competition procedure with reservations. The Administration may order exclusion for failure to meet the prescribed requirements at any time, by means of a reasoned decision.

Art. 3 – APPLICATION

- 3.1 The application to the competition may be submitted up to 12 noon (local time) on the 30th day from the date of publication on the University Register by connecting to the Università degli Studi dell'Insubria website (www.uninsubria.it) from any personal computer. After the above deadline, the link will be deactivated and it will no longer be possible to complete the application and register for the admission test.
- 3.2 The fee for admission to the competition is set at € 30.00 (thirty/00) and must be paid in a single instalment using the payment notice attached to the online application by the closing date of the competition notice, under penalty of exclusion from the selection.
- 3.3 Applicants may apply for more than one PhD programme. For each course in which they wish to participate, applicants must fill in a specific application form and submit the documents requested in the specific Programme Sheet and pay the respective non-refundable application fee of € 30.00.





The documentation may be produced in Italian or English; the translation will be the responsibility of the candidate. The required documentation must be attached according to the facsimiles available and indicated in the Programme Sheets.

3.4 The procedure for submitting the application, which is also available in the “Competition Registration Guide” on the webpage of the XLII Cycle Doctoral Competition, is as follows:

Access from the website www.uninsubria.it, the “Servizi Web – Segreterie Studenti” (<https://uninsubria.esse3.cineca.it/Home.do>) under Registration; then proceed to log in, choose “*admission test*” and follow the instructions.

Those who already have a userID and password can access the web services by logging in, choosing “*admission test*” and following the instructions (GUIDE: https://archivio.uninsubria.it/sites/default/files/Doc_Segreterie_Studenti/Guide_on_line/Guida%20online%20Registrazione.pdf)

To fill in the application form:

- select PhD programme
- enter your personal data, educational qualification data; details of a valid identity document; the same document must be attached as a scanned file;
- select your foreign language from among those listed in the Programme Sheet of each PhD programme, knowledge of which will be verified during the oral test;
- indicate whether you are interested in paid university accommodation, i.e. the assignment of beds in the University Colleges in Varese or Como reserved only for the first year of the course for each doctoral course¹; from the second year onwards the assignment will be based on the indications published in a specific announcement by the office Diritto allo studio.
- confirmation of having viewed the ordinary positions with and without scholarship and any additional positions on external financing
- enter the name and email address of the contact person(s) identified if the Programme Sheet include letters of reference among the qualifications assessed for admission. By automated procedure the referees receive information on how to send the letters of reference, which must be entered by the deadline;
- upload the titles; the research project as listed in the Programme Sheet of each PhD programme;
- attach the list of titles submitted;
- make payment of non-refundable € 30.00 by the deadline via Pago PA (payment notice available at the end of the procedure).

EU and non EU citizens, resident abroad, with a qualification obtained abroad must follow the same instructions for registration for the competition and must enclose the following documents in the procedure:

- **entry visa to Italy, if already available**, to take the in-person admission tests (check here whether a visa is required: <https://vistoperitalia.esteri.it/home/it>);
- **original qualification, or certified copy** or replacement certificate valid for all legal purposes, translated and accompanied by declaration of value by the Italian representation in the country of origin; or, alternatively, CIMEA verification certificate.

¹The assignees of accommodation places among those who have requested them will be identified by the Board of Professors of each doctoral course after enrolment



Titles and documents must be attached in electronic PDF format not exceeding 5 MB each. The file name must include the candidate's surname and the type of title but must not exceed 25 characters (e.g. rossi_curriculumvitae).

3.5 Until the deadline for admissions stated in the notice, candidates may:

- add, delete or edit the attached documents (titles and identity document) via the "insert/edit assessable titles" button;
- adding, deleting or modifying the name and email address of the contact persons indicated, if the reference letters are included among the qualifications assessed for participation in the chosen competition (Annex), as well as requesting that the contact persons already included send the letter.

Changes will only be saved permanently by the system if the application is completed again.

Only the specific qualifications required for each PhD programme as set out in the Programme Sheets will be assessed by the selection board.

Titles delivered otherwise than in accordance with this notice will not be evaluated by the Selection Committee.

Failure to complete the application in the manner described above will result in ineligibility for the competition test.

No additions to the documentation will be accepted after the deadline.

3.6 In order to guarantee equal opportunities in the performance of the tests, candidates with a disability or impairment within the meaning of Law 104/1992 or with specific learning disorders within the meaning of Law 170/2010, must send a specific email notification by submitting the appropriate application and attaching the appropriate certificate from the competent public health structure, within the deadline for submitting applications to disabilita@uninsubria.it and to scuola.dottorato@uninsubria.it.

The additional time and compensatory and/or dispensatory measures, depending on the type of test and the candidate's specific condition, will be defined by the Disability Office and will be communicated to the Selection Board through the Teaching Coordination Office.

Applicants with disabilities, disabilities within the meaning of Law no. 104/1992, or with DSA, resident in foreign countries, who wish to take advantage of the above-mentioned measures, must present legalised certification, where required by current international standards, attesting to their disability, disability or DSA status, issued in their country of residence, accompanied by a sworn translation by an official translator or certified as conforming to the original text by the Italian diplomatic representations, in Italian or English. The Disability Office ascertains that the foreign documentation certifies a condition of invalidity, disability or specific learning disorder recognised by Italian law. Pending verification of the authenticity of the aforementioned documentation by the University bodies, candidates residing in a non-EU country are admitted to the test under probationary status.

3.7 At the end of the application deadline and after appropriate checks on the completeness of the application and attached documents with respect to what is required in the Programme Sheets, the list of admitted candidates will be published at <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>.

3.8 By submitting an application for admission to the selection, the candidate indicates his or her acceptance of all the rules contained in this call for applications.

Candidates are advised not to wait until the last few days before the closing date of the call to apply; the University accepts no responsibility for any malfunctions due to overloading of the networks or application systems.



Art. 4 – ADMISSION TESTS, EVALUATION AND SELECTION OF CANDIDATES

- 4.1 Admission to PhD programmes is based on a public selection procedure based on qualifications and examinations, which guarantees the comparative assessment of the candidates, carried out by Selection Boards formed and appointed in accordance with the regulations in force. The selection, which is carried out by means of an oral and/or written test, ascertains the candidates' preparation and aptitude for scientific research and personal motivation, and the evaluation of their qualifications.
- 4.2 The Commission shall verify the completeness and consistency of the qualifications indicated in the curriculum vitae with respect to the application specified in the forms and shall award points according to the criteria indicated in the Programme Sheet. Candidates are not required to be present during the assessment of the qualifications.
- 4.3 The PhD admission test may be taken in English, provided that the candidate expressly requests it in the application form. The oral test may include a test of knowledge of the foreign language indicated in the Programme Sheet. The test is held according to the timetable indicated in the Programme Sheet and updated on the University's PhD programme web page. The test may be written or oral or composed of both methods as indicated in the specific Programme Sheet.
The test is held **in person** and candidates must appear at the admission tests, under penalty of exclusion, with the same valid identification document used to submit the application.
A **remote** test may be requested, which must be authorised by the Selection Board, which will also set the timetable. The distance test must be conducted using the platform provided by the University (Microsoft Teams); to this end, the candidate must indicate an email account that the selection board will use for the video call.
The candidate must be available at the personal address, communicated in advance, on the day indicated, in accordance with the established timetable. For identification purposes and under penalty of exclusion from the competition, the candidate must show the valid identity document used to submit the application.
Any candidate who fails to be present at the remote meeting will automatically be deemed a “no-show”.
The candidate may be excluded from the competition if the personal address (account) has not been indicated, if the connection is missing, if he/she fails the connection test, if he/she cannot be found on the appointed day or time or if he/she fails to produce a valid identity document. The University of Insubria declines all responsibility in the event that technical reasons prevent the regular execution of the interview.
- 4.4 The assessment of qualifications will be added to the marks for the oral/written test.
The competition is deemed to have been passed if a minimum mark indicated in the specific Programme Sheet is achieved in the tests specified in the notice.

Art. 5 – SELECTION BOARD

- 5.1 The Selection Board in charge of the comparative evaluation of the candidates is appointed by Rectoral Decree for each Doctoral Course according to the provisions set out in the University Doctoral Course Regulations.
- 5.2 At the end of the assessments, the Selection Board draws up merit lists on the basis of the marks obtained by the candidates in the tests.



Art. 6 – FINAL RANKINGS

- 6.1 The final rankings, approved by Rectoral Decree, will be posted on the University's Official Bulletin Board and on the PhD page <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>. Publication replaces for all purposes any personal communication.
The deadline for any appeals starts from the date of publication of the aforementioned decree.
Candidates are admitted to the courses according to the order of the ranking list up to the number of places available for each PhD programme.
Candidates are required to consult the rank list, any changes in the same and the deadlines for enrolment, in the notices published on the website.
- 6.2 If the PhD programme is organised in curricula, the Commission may prepare separate rankings. Candidates shall be admitted to each curriculum up to the number of places offered for that curriculum. In the event that fewer candidates are admitted to a curriculum than the number of places with scholarships advertised, the remaining scholarships may be awarded to candidates competing on other curricula, in descending order of their respective rankings.
- 6.3 If grants financed by public or private bodies are available, candidates in the examination express their interest in competing for one or more positions in addition to the places made available by the University.
The Selection Board will prepare a specific ranking for ordinary positions with and without scholarships and for each funded project with the evaluations of the candidates who have expressed interest during the examination for said project. In the event of successful placement in more than one ranking list, the candidate must exercise the option for only one PhD programme and/or project and/or funding.

Art. 7 – ENROLMENT AND ATTENDANCE FEES

- 7.1 The deadline for registrations is **31 October 2026**. Further and subsequent deadlines are required in the event of the rankings being short-listed following the withdrawal of successful candidates. Enrolment is carried out according to the procedures described on the University's website at <https://www.uninsubria.it/formazione/offerta-formativa/dottorati/immatricolazioni>
Failure to enrol by the deadline will be considered a renouncement of the place (with or without scholarship), which will be assigned to the candidate who follows in the ranking, according to the order of that ranking.
Eligible candidates will be contacted by email at the email address indicated in the competition registration procedure.
Eligible candidates, who will have received the communication by email, must proceed to enrolment within the deadline indicated in the aforementioned communication, under penalty of forfeiting this right.
Successful candidates are admitted to the course with reservations and may be excluded from the course if they do not meet the requirements.
If verifications of the documentation submitted reveal false or misleading declarations, without prejudice to the sanctions provided for by the penal code and the special laws on the subject (Articles 75 and 76 of Presidential Decree 445/2000), the candidate will automatically forfeit his or her enrolment. The university administration will provide for the recovery of any benefits granted (such as scholarships, reduction in student contributions) and will not proceed with any reimbursement of



fees paid. Lastly, a false declaration will result in exposure to action for damages by the parties concerned.

7.2 Successful candidates who are non-EU citizens resident abroad with a qualification obtained abroad must register, by the deadline indicated in the notice regarding the rankings, in University (<https://www.universitaly.it/formazione-stranieri>) (in order to obtain validation from the University and proceed with the application for a study visa for entry into Italy) and at the same time complete the enrolment procedure in Esse3 by attaching the following documentation:

- original qualification (Master's degree or equivalent) and translation into Italian;
- declaration of value issued by the Italian representation in the country of origin or, alternatively, CIMEA certificate of comparability;

Via the link: <https://cimea.diplo-me.eu/uninsubria/#/auth/register> it is possible to register and access CIMEA's DIPLOME service, to obtain the issue of the above-mentioned certificates with facilitated deadlines.

The verification of the validity of qualifications obtained abroad is carried out upon delivery of the official documents. Until that moment, candidates are admitted to the course with reservations and may be excluded from the rankings if they do not meet the requirements. The University reserves the right to request the "on-site declaration of value" whenever necessary for the proper management of the doctoral student's career.

Following enrolment, the University will confirm on the University portal that the procedure has been completed.

7.3 Students enrolled in PhD programmes are required to pay the annual regional tuition fee of € 190.00 and the stamp duty of € 16.00 in accordance with the "Regulations on student contributions for the academic year 2026/2027" available on the website www.uninsubria.it.

Please refer to these regulations for cases of exemption.

Withdrawal from the doctorate does not entitle the student to reimbursement of enrolment fees already paid.

With regard to any insurance charges in compliance with the regulations in force, please refer to what is detailed in the enrolment forms.

Art. 8 – CONCURRENT REGISTRATION AND INCOMPATIBILITY

8.1 In accordance with the provisions of Law 33/2022, simultaneous enrolment in a PhD programme and a Bachelor/Master's degree programme with non-compulsory attendance is permitted. Simultaneous enrolment in a PhD course and a medical specialisation course is also permitted pursuant to Article 7 of Ministerial Decree 226/2021.

Any evaluations of merit will be referred to the Board of teachers of the PhD programme concerned, which will verify the compatibility of compulsory attendance with the existence of the conditions for the acquisition of the knowledge and skills necessary for the achievement of the educational objectives of each course.

8.2 The simultaneous enrolment and, consequently, the joint attendance of two PhD programmes (except in the case of co-doctoral agreements or enrolment in international doctoral programmes for the award of double or joint degrees) and of a PhD programme and a Bachelor's/Master's degree programme involving compulsory attendance are incompatible. At the time of enrolment, the doctoral student must opt for one of the two courses. In the event of a false declaration and if the double enrolment persists, the University shall issue a ruling by the Rector annulling the enrolment on the



course and proceed to recover any sums paid by way of a grant in accordance with the law. The ban on double enrolment continues until the end of the last year of the course (three/four-year period).

Art. 9 – COURSE ATTENDANCE AND QUALIFICATION

- 9.1 The start of PhD programme activities coincides with the beginning of the academic year. Attendance to the PhD programme entails an exclusive and full-time commitment and takes place according to the annual schedule prepared by each PhD programme. In the three-year period, compulsory activities of linguistic and IT further training are scheduled, also with transversal activities common to several doctorates. Each PhD student is ordinarily expected to carry out research and training activities, consistent with the PhD programme, at highly qualified institutions abroad, as reported in the Programme Sheet.
- 9.2 Activities other than training and research activities must be authorised by the teaching board and limited to those related to the acquisition of skills in the field of the PhD programme and compatible with the profitable performance of the training, teaching and research activities envisaged by the course. Civil servants admitted to a PhD programme benefit, for the normal duration of the programme, from the leave of absence provided for by collective bargaining agreements or, if they are civil servants, from special leave for study purposes, in accordance with the needs of the administration, pursuant to Article 2 of Law 476 of 13 August 1984, with or without pay and unless they explicitly opt out, only if they are enrolled for the first time in a PhD programme, regardless of the disciplinary field. At the time of enrolment, the employee, whether public or private, must inform the University about his/her work commitments, so that the Board of Professors can check the compatibility of work with the profitable performance of the training, teaching and research activities of the doctoral programme. Doctoral students, as an integral part of their training project, may carry out, subject to the authorisation of the Board of Professors and without any increase in the grant, tutoring activities, including paid tutoring of students on degree and master's degree courses, as well as, within the limits established by the legislation and University Regulations in force, supplementary teaching activities.
- 9.3 PhD students are required to follow the “Code of Ethics, Code of Conduct and Principles of Research Integrity of the University of Insubria”, issued by Rectoral Decree Office no. 656/2020 and in force since 16 October 2020. The title of PhD is awarded at the end of the PhD cycle, upon passing the final examination, which is conditional upon the submission of a written dissertation (PhD thesis) that gives an account of original research, conducted with certainty of method and from which results of adequate scientific relevance emerge. The awarding of the certificate of qualification is subject to the interested party depositing the final dissertation in the institutional open-access University archive, which will guarantee its preservation and public accessibility, in full, in part, or only in its bibliographic data.

Art. 10 – SCHOLARSHIPS

- 10.1 The annual amount of the scholarship is € 16,243.00. The PhD scholarship is subject to the payment of INPS social security contributions under separate management, in accordance with the reference regulations in force. The duration of the grant is equal to the entire duration of the PhD



programme and is paid monthly. Those who have already received a scholarship for a PhD programme may not use it a second time.

The awarding of the doctoral grant is confirmed annually on condition that the doctoral student has completed the programme of activities planned for the year in question, subject to verification by the Board of Professors. In the event of suspension, renunciation or exclusion from the PhD programme, the grant is paid in proportion to the number of years of attendance.

10.2 Scholarships financed by other public or private bodies in the present call, or subsequently made available within the deadline of the call, will be published on the site. The Selection Board will prepare specific merit rankings on the basis of the candidates' expressions of interest collected during the examination and the evaluation of merit.

10.3 The scholarship is increased by 50 per cent for a total period not exceeding 12 months in any three-year period for research activities abroad.

Starting from the first year, each doctoral student, with and without a scholarship, is guaranteed a budget of no less than 10 percent of the annual amount of the scholarship for research activities in Italy and abroad.

10.4 Scholarships may not be combined with research grants or with other scholarships awarded for any reason whatsoever, with the exception of those granted by national or foreign institutions to supplement training or research abroad.

The grant is compatible with income from employment as long as it does not exceed the amount of the grant. The income limit is to be understood as the gross amount received in the year in which the grant is most enjoyed (€ 16,243.00).

Art. 11 – PROCESSING OF PERSONAL DATA

Pursuant to Legislative Decree no. 196 of 30 June 2003, as amended (“Personal Data Protection Code”) and to the General Data Protection Regulation - EU Regulation 2016/679 the information on the processing of personal data is published on the University website at the following link: <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>.

Art. 12 – INFORMATION ON THE APPLICATION OF LEGISLATION ON THE PREVENTION OF CORRUPTION

The University, in implementation of the relevant legislation, adopted its own Three-Year Plan for the Prevention of Corruption and appointed the Head of Corruption Prevention:

The three-year plan is published on the institutional website at

<https://www.uninsubria.it/amministrazione-trasparente/disposizioni-general>

Reports can be sent to the email address: anticorruzione@uninsubria.it

Art. 13 – RECRUITMENT AND HRS4R

The recruitment of doctoral candidates (or Early Stage Researchers according to the European definition) will be in accordance with the European Charter for Researchers (ECR) and the Code of Conduct for the Recruitment of Researchers (CCR), which provide the general framework of guidelines and requirements for the roles, responsibilities and rights of these positions, ensuring that selection procedures are open, transparent and meritocratic.

The University of Insubria received the European quality award “HRS4R - Human Resources Strategy for Researchers” in February 2019: this certification recognises the effort of organisations in



implementing the Charter and Code in their policies and practices and, finally, identifies those universities and institutions that create and promote a stimulating and encouraging research environment.

Art. 14 – PERSON IN CHARGE OF ADMINISTRATIVE PROCEDURE

Pursuant to Law no. 241 of 7 August 1990 and subsequent amendments and additions, the person in charge of the administrative procedure for the competition is the Head of the Education Coordination Office, Isabella Bechini. For further information please email: scuola.dottorato@uninsubria.it

Art. 15 – REFERENCE REGULATIONS

For any matters not specifically provided for in this notice, the University of Insubria shall comply with the relevant legislation in force and the University Regulations on PhD programmes. For information regarding the competition procedures: scuola.dottorato@uninsubria.it

Varese, *date of digital signature*

La Rettrice
Pr. Maria Pierro
Digitally signed



Attachment to the call for applications for admission to the 42nd cycle of PhD programmes

LAW AND HUMANITIES	
Name in English	Law and Humanities
Coordinator's name and contact details (e-mail and telephone)	Prof. Giulio Facchetti - giulio.facchetti@uninsubria.it
Department head office	Department of Human sciences and Sciences of the innovation for the territory
Reference office	dottorato.disuit@uninsubria.it
Main language used	Italian
Expected duration	3 years
Website	https://www.uninsubria.it/formazione/offerta-formativa/diritto-e-scienze-umane-xlii-ciclo
Scientific area	04 - Earth sciences 06 - Medical sciences 08 - Civil engineering and architecture 09 - Industrial and Information Engineering 10 - Ancient, philological-literary and historical-artistic sciences 11 - Historical, philosophical, pedagogical and psychological sciences 12 - Legal sciences 13 - Economics and statistics 14 - Political and social sciences
Scientific-disciplinary fields	ANGL-01/C, ARTE-01/A, ARTE-01/B, CEAR-11/A, ECON-01/A, ECON-04/A, ECON-07/A, FRAN-01/A, FRAN-01/B, GEOG-01/A, GEOS-02/C, GIUR-01/A, GIUR-02/A, GIUR-04/A, GIUR-05/A, GIUR-06/A, GIUR-07/A, GIUR-09/A, GIUR-10/A, GIUR-11/A, GIUR-11/B, GIUR-12/A, GIUR-13/A, GIUR-14/A, GIUR-15/A, GIUR-16/A, GIUR-17/A, GLOT-01/A, GLOT-01/B, GSPS-03/A, GSPS-05/A, GSPS-06/A, HELL-01/B, HIST-02/A, HIST-03/A, IINF-05/A, LICO-01/A, MEDS-16/A, PAED-02/A, PEMM-01/B, PHIL-01/A, PHIL-04/A
Research topics (please describe the topics briefly)	The PhD programme provides a comprehensive framework for understanding modern society, which is increasingly oriented toward an international dimension, through an active dialogue between law and other disciplines. Indeed, legal studies must integrate with humanistic, economic, and scientific expertise to comprehend institutions and regulate complex contemporary phenomena. Characterised by a deeply interdisciplinary and international approach, the programme is driven by a faculty operating primarily within research fields related to the ERC 'Social Sciences and Humanities' domain. Research pathways focus on interdisciplinary themes concerning the relationships between law and science, law and literature, law and languages, law and economics, and law and art.



Details of positions with a university scholarship and/or external funding (funding must cover at least 3 years of the normal course duration)	n. university scholarships 6
Positions without scholarship	n. positions without scholarship 2
Curricula (indicate max. 2 curricula ONLY if required for accreditation)	-
Admission requirements (qualifications)	<p>To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree or another qualification obtained abroad and recognized as suitable. Those who have not yet obtained the qualification are also admitted to the tests; enrolment can only be completed for those who obtain it by October 31st.</p> <p>The admission qualification must have been obtained in the following classes: Adult Education and Lifelong Learning Sciences African and Asian Languages and Literatures Ancient History Applied Criminological Sciences for Investigation and Security Archaeology Archival Science and Library Science Business Administration and Management Cognitive Sciences Communication Theories Computer Methods for the Humanities Conservation and Restoration of Cultural Property / Historic-Artistic Heritage Conservation of Architectural and Environmental Heritage Conservation of Scientific Heritage and Industrial Civilization Contemporary History Cultural Anthropology and Ethnology Demographic and Social Statistics Design Design and Management of Tourism Systems Development Cooperation Sciences Economics for the Environment and Culture Environmental and Territorial Sciences and Technologies European Studies History of Art History of Philosophy</p>



	<p>Historical Sciences Information and Publishing Systems / Publishing, Multimedia Communication and Journalism International Relations Italian Language and Culture Landscape Architecture Law / Jurisprudence Literary Translation and Technical-Scientific Translation Linguistics Management and Planning of Educational Services Medicine and Surgery* Medieval History Modern European and American Languages and Literatures Modern History Modern Languages for International Communication and Cooperation Modern Philology Musicology and Musical Heritage Dentistry and Dental Prosthodontics* Pedagogical Sciences Performing Arts and Multimedia Production Philology, Literature and History of Antiquity Philosophical Sciences Philosophy and History of Science Political Sciences Primary Teacher Education Psychology Public Administration Sciences Public, Corporate and Advertising Communication Sciences Religious Studies Sciences for the Conservation of Cultural Heritage Social Work and Social Policies Sociology and Social Research Techniques and Methods for the Digital / Information Society Theoretical, Moral, Political and Aesthetic Philosophy Theory and Techniques of Legislation and Legal Information Urban, Regional and Environmental Planning</p> <p>* Candidates with degrees in Medicine and surgery and Dentistry and Dental prosthodontics must demonstrate a scientific background in the humanities and/or law in the medical field, e.g. bioethics, sociology, psychology, history, anthropology and pedagogy.</p>
Qualifications to be assessed and documents to be attached, scoring and test procedure	
<u>Total score: 120 points total (qualifications + tests)</u>	
1. Written Examination: Max 30 points	



The written examination will consist of an essay on a topic proposed by the Selection Committee. Each paper will be evaluated based on the following criteria:

- clarity and appropriateness of language;
- effectiveness of presentation;
- mastery of the subject matter and methodology;
- critical thinking and originality of interpretation;
- ability to correctly select and use sources;
- logical and systematic coherence.

The Selection Committee will assess each of the aforementioned criteria with a score from 0 to 5, for a maximum total of 30 points for the written examination.

Passing the written examination is a prerequisite for admission to the evaluation of qualifications and the subsequent oral examination.

2. Qualifications: Max 60 points, broken down as follows

Graduation grade: Max 20 points

Relevance of the Master's thesis topic: Max 5 points

Research activity: Max 20 points

Further education and training: Max 5 points

University-level teaching activity: Max 10 points

3. Oral Examination: Max 30 points

The oral examination will cover the discussion of qualifications, the presentation of a research project drafted by the candidate, and the assessment of proficiency in English and any other languages specified by the candidate.

Details of qualifications - 60 points max. total



Maximum score: 20	<p>Master's degree grade:</p> <p>a. grade from 60 to 70: 1 point</p> <p>b. grade from 71 to 80: 3 points</p> <p>c. grade from 81 to 90: 5 points</p> <p>d. grade from 91 to 98: 10 points</p> <p>e. grade from 99 to 103: 14 points</p> <p>f. grade from 104 to 107: 16 points</p> <p>g. grade from 108 to 109: 18 points</p> <p>h. grade of 110: 19 points</p> <p>i. grade of 110 with honours (<i>lode</i>): 20 points</p> <p>In the event that the degree has not yet been awarded, the following will be evaluated: the grades obtained in the examinations taken for the Master's degree, provided they are duly attached to the application.</p> <p>The evaluation criteria for the assignment of points will be established by the Selection Committee.</p>
Maximum score: 5	Relevance of the Master's thesis topic, also taking into account its interdisciplinarity, the interest, and the development potential of the subject of study.
Maximum score: 20	Research Activity:



	<p>a. Scientific publications (articles published in scientific journals, book chapters, or monographs with an ISBN): from 0 to 10 points in total, based on their relevance to the PhD subject matter, as well as the prestige and quality of the publications;</p> <p>b. Research activity: from 0 to 10 points, with specific reference to the awarding of scholarships, research fellowships, research grants, and research collaborations.</p>
Maximum score: 5	Further education and training, with specific reference to postgraduate advanced courses, Master's programmes, and graduation awards, and based on their relevance to the PhD subject matter and the prestige of the qualifications.
Maximum score: 10	University-level teaching activity, with specific reference to seminars, teaching contracts, and the status of subject-matter expert (<i>cultore della materia</i>), and based on the quality and relevance to the PhD subject matter.
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	<p>Signed and dated Curriculum Vitae, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed." (add information as deemed necessary). Use CVeuropass</p> <p>The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:</p> <p>1. Qualifications:</p> <p>A) Master graduates: Self-certification, acquired from the university's electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark</p> <p>B) Graduating students: Self-certification acquired from the institution's electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor's degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p>



	<p>3. Research project (following the template for the first page) relevant to the above subject (in .pdf format)</p> <p>4. List of publications, if any, including conference presentations (use the template for publications) obligatorily indicating the DOI if open source, or attaching full article</p> <p>5. Additional qualifications (template): specialisation courses, PhD programmes, Master's courses, awards;</p> <p>6. Further qualifications (use the template for additional qualifications): research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support), collaborations in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation;</p> <p>7. List of submitted titles (use the template for publications)</p>
Type of tests (specify the time schedule of the different tests or which test will be used)	<p>The selection examinations are:</p> <p>WRITTEN EXAMINATION: The written examination will consist of an essay on a topic proposed by the Selection Committee. The examination will be held in person at the Como premises, and the language used will be Italian.</p> <p>EVALUATION OF QUALIFICATIONS</p> <p>ORAL EXAMINATION AND PROJECT PRESENTATION: The oral examination will cover the discussion of qualifications, the presentation of a research project drafted by the candidate, and the assessment of proficiency in English and any other languages specified by the candidate. The examination will be held in person at the Como premises, and the language used will be Italian.</p> <p>In accordance with the regulations, the examinations may be conducted in English, provided that the candidate makes an explicit request to this effect in the application form.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 20 points in the written examination will be admitted to the evaluation of qualifications and the subsequent oral examination.</p> <p>The list of candidates admitted to the oral examination will be published on the website at least 5 days prior to the examination date.</p>
Test schedule	<p>Examination period: September 2026</p> <p>Venue: Como</p> <p>The list of candidates admitted to the first examination will be published on the website.</p>

PHYSICS AND ASTROPHYSICS	
Coordinator's name and contact details	Prof. Sergio Luigi Cacciatori – mail sergio.cacciatori@uninsubria.it – tel +39 031 238 6236
Department head office	Department of Science and High Technology - DiSAT
Reference office	dottorato.disat@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/physics-and-astrophysics-xli-cycle
Scientific area	02 (Physics)
Scientific-disciplinary fields	FIS/01, FIS/02, FIS/03, FIS/04, FIS/05, FIS/07
Research topics	The topics covered range from experimental physics (optics, photonics, detector physics, particle physics), theoretical physics (QFT, general relativity, galaxy physics, statistical physics, complex systems), matter physics (condensed matter, nonlinear optics, quantum information, open quantum systems, quantum optics), nuclear and subnuclear physics (silicon detectors, scintillators, software development, data analysis), astrophysics (high-energy astrophysics, massive black holes, galaxy formation, Milky Way, multi-messenger physics, GRB, extragalactic astronomy) and applied physics (electronic spectroscopy, new materials, radiation-matter interaction).
Details of positions with a university scholarship and/or external funding	<p>n. university scholarships 7 n. funded scholarships 2 and described below: n. 1 Funded grant 1- INAF-OBrrera for research in Astrophysics n. 1 Scholarship funded by the project ERC Consolidator Grant (CoG) 2023 “QuNIm”, Project n. 101125923 – CUP J13C23000520006, led by Prof. Lucia Caspani. Title: “Quantum-enhanced two-photon processes”.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Funded by the European Union </div> <div style="text-align: center;">  European Research Council Established by the European Commission </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  QUP Lab Quantum and Ultrafast Photonics </div> </div> <p>The QuNIm project aims at investigating experimentally how to enhance multiphoton light-matter interactions using entangled photons. Possible applications are in the field of multiphoton fluorescence and nonlinear imaging of biological samples. During the PhD project, the candidate will work on developing and characterizing the most suitable source of entangled photons based on the Parametric Down Conversion process in the high-gain regime. The source will then be employed to enhance nonlinear processes, such as second-harmonic generation and two-photon absorption. The PhD student will work under the supervision of Profs. Lucia Caspani and Matteo Clerici, in the Quantum and Ultrafast Photonics Lab (QUP) at</p>



	<p>Insubria University in Como. The ERC project provides financial support for the research, including potential stays abroad and participation in national and international conferences.</p> <p>Total three-year scholarship with additional funding for 6 months abroad: €90.500,00. Annual gross income: €21.000,00.</p>
Positions without scholarship	n. 2 positions without scholarship
Admission requirements (qualifications)	<p>To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree or another qualification obtained abroad and recognized as suitable.</p> <p>Those who have not yet obtained the qualification are also admitted to the tests; enrollment can only be completed for those who obtain it by October 31st.</p>
Qualifications to be assessed and documents to be attached, scoring and test procedure	
Total score: 120 points total (qualifications + tests)	
Qualifications: 60 points max	
Score for curriculum vitae (qualifications), including reference letters: 60 points CV	
Criteria: relevance of the scientific profile to the subject matter of the PhD programme	
Qualifying test score: 60 points max, oral test or project presentation:	
oral exam: max 60 points. Presentation on a blackboard.	
Details of qualifications - 60 points max. total	
Maximum score: 30	<p>Master's degree grade.</p> <p>In the event that the degree has not been obtained yet, the following will be assessed: the grades of the individual exams of the Master's degree.</p>
Maximum score: 3	Scientific publications related to the subjects of the PhD (max. 10)
Maximum score: 6	Teaching activities - tutoring, teaching support, seminars
Maximum score: 21	Additional training, scientific experience and awards - participation in schools, internships, periods of scientific training or research at Italian or foreign institutions, scholarships, prizes, reference letters (up to a maximum of 3) and other elements useful for assessing the quality, scientific maturity and relevance of the candidate's profile to the PhD programme topics
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	Signed and dated Curriculum Vitae , complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases



provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed."

You can use (not mandatory) [CVeuropass](#)

The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:

1. Qualifications:

- A) **Master graduates: Self-certification, acquired from the university's electronic record or prepared using the [template](#)**, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, the institution that awarded the degree, the date of award and the final mark
- B) **Graduating students: Self-certification acquired from the institution's electronic record or prepared using the [template](#)**, dated and signed by hand or digitally with the list of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)
- 2. Final dissertation** (Master's degree) or detailed summary of the thesis (in .pdf format)
- 3. List of publications, if any, including conference presentations**
[template](#) obligatorily indicating the DOI if open source, or attaching full article

Up to a maximum of 10

- 8. Additional qualifications [template](#):** specialisation courses, PhD programmes, Master's courses, awards;
- 9. Further qualifications [template](#):** research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support), collaborations in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation;
- 10. Reference letters** (up to three), from university lecturers or researchers with whom the candidate has worked (candidates must enter the name and e-mail address of the contact person(s) identified when registering online for the competition and the letters will be submitted directly by the contact persons in the online procedure). The letters must specify the institutional role of the letter writer in his/her institution, the type of relationship he/she had with the candidate and provide an objective assessment of the candidate's skills and performance with reference to similarly experienced students known during his/her career, specifying the candidate's strengths and weaknesses, with reference to his/her potential to successfully complete the PhD programme.



	<p>The letters can be entered in the online procedure until the deadline of the call; therefore, it is advisable to proceed with the registration with sufficient advance notice otherwise it will be impossible to have the letters of the referents entered.</p> <p>11. List of submitted qualifications template</p>
Type of tests and timeline	<ol style="list-style-type: none">1) Evaluation of qualifications2) Oral test: Discussion of the master's thesis and presentation of a topic chosen by the Commission, in Italian or English. <p>The exam is in person but can be done remotely for proven needs.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 40 points in the evaluation of qualifications will be admitted to the selection tests</p> <p>The list of candidates admitted to the selection tests will be published on the website at least 5 days before the date of the tests.</p>
Test schedule	<p>The examination will be held in the week from Monday 20th to Friday 24 of July at the Department of Science and High Technology.</p> <p>It is possible to request the coordinator (dottorato.disat@uninsubria.it) to carry out the tests remotely</p> <p>The list of candidates admitted to the first test will be published on the website</p>



COMPUTER SCIENCE AND MATHEMATICS OF COMPUTATION

Name in English	Computer science and mathematics of computation
Coordinator's name and contact details (e-mail and telephone)	Prof. Marco Donatelli – mail marco.donatelli@uninsubria.it – tel +39 0312386378
Department head office	Dipartimento di Scienze Teoriche e Applicate
Reference office	dottorato.dista@uninsubria.it
Main language used	Inglese
Expected duration	3 anni
Website	https://www.uninsubria.it/formazione/offerta-formativa/dottorati
Scientific area	01 - Scienze matematiche e informatiche; 09 - Ingegneria industriale e dell'informazione; 13 – Scienze economiche e statistiche
Scientific-disciplinary fields	INFO-01/A; IINF-05/A; MATH-01/A; MATH-02/B, MATH-03/A; MATH-04/A; MATH-05/A; STAT-01/A.
Research topics (please describe the topics briefly)	<ul style="list-style-type: none"> • Mathematical models: differential and integral models, computer graphics, image reconstruction, modelling of monument degradation • Numerical methods: differential and fractional operators, spectral analysis, iterative methods, numerical optimization • Analytical and geometric methods: nonlinear analysis, geometric analysis, operator theory, Schrödinger equations, non-integrable geometries • Innovative information management systems: IoT, blockchain, social networks • Data analysis: machine learning, image processing, NLP, deep learning, big data • Data security and privacy: selective data sharing, trust models, encrypted data processing • Network security protocols: distributed security/privacy-aware architectures • Software engineering: software quality, predictive models, AI for Software Engineering
Details of positions with a university scholarship and/or external funding (funding must cover at least 3 years of the normal course duration)	n. 6 university scholarships
Positions without scholarship	n. 2 positions without scholarship
Curricula (indicate max. 2 curricula ONLY if required for accreditation)	
Admission requirements (qualifications)	Admission to a PhD course requires a Master's degree or another qualification obtained abroad and recognised as eligible.



	Those who have not yet obtained the qualification are also admitted to the tests; enrollment can only be completed for those who obtain it by October 31st.
Qualifications to be assessed and documents to be attached, scoring and test procedure	
Total score: 120 points total (qualifications + oral test)	
Qualifications: 60 points max	
Qualifying oral test score: 60 points max	
Details of qualifications - 60 points max. total	
Maximum score: 20	Master's degree grade. If the degree has not been obtained yet, the following will be assessed: the grades of the individual exams of the Master's degree, and Bachelor's degree final mark.
Maximum score: 15	Scientific significance, degree of originality and relevance of the research project and thesis (if it has already been discussed) to the themes of the Doctoral Program; for the evaluation of the thesis candidates must submit at least a detailed abstract of the thesis itself; they may also submit the full version of the thesis).
Maximum score: 5	Conference presentations and publications related to the subjects of the Doctoral Program.
Maximum score: 5	Training activities and professional experience pertinent to the subjects of the Doctoral Program.
Maximum score: 15	Any other qualifications that may be considered, including language certifications, and no more than two letters of recommendation.
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	Signed and dated Curriculum Vitae, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed.". Use CVeuropass The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification: 2. Qualifications: C) Master graduates: Self-certification, acquired from the university's electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark



	<p>D) Graduating students: Self-certification acquired from the institution's electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor's degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p> <p>3. Research project (following the template for the first page) relevant to the above subject (in .pdf format)</p> <p>12. List of publications, if any, including conference presentations (use the template for publications) obligatorily indicating the DOI if open source, or attaching full article Up to a maximum of 5</p> <p>13. Additional qualifications (template): specialisation courses, PhD programmes, Master's courses, awards;</p> <p>14. Further qualifications (use the template for additional qualifications): research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support), collaborations in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation;</p> <p>15. Reference letters (up to two), from university lecturers or researchers with whom the candidate has worked (candidates must enter the name and e-mail address of the contact person(s) identified when registering online for the competition and the letters will be submitted directly by the contact persons in the online procedure). The letters must specify the institutional role of the letter writer in his/her institution, the type of relationship he/she had with the candidate and provide an objective assessment of the candidate's skills and performance with reference to similarly experienced students known during his/her career, specifying the candidate's strengths and weaknesses, with reference to his/her potential to successfully complete the PhD programme. The letters can be entered in the online procedure until the deadline of the call; therefore, it is advisable to proceed with the registration with sufficient advance notice otherwise it will be impossible to have the letters of the referents entered.</p> <p>16. List of submitted titles (use the template for publications)</p>
<p>Type of tests (specify the time schedule of the different tests or which test will be used)</p>	<p>1. Evaluation of qualifications 2. Oral test</p> <p>The candidates who have obtained at least 40 points in the qualification's evaluation will be tested on their scientific interests, on the reasons which persuaded them to register for this specific Doctoral Program and on a description of their own research project or, as an alternative to the latter, on an analysis of a research field which is pertinent to the specific themes of the</p>



	Doctoral Program. Knowledge of the English language will also be assessed. The admission test may be taken in English and remotely upon the candidate's request.
Admission to the first test/assessment of qualifications	Only candidates who obtain at least 40 points in the evaluation of qualifications will be admitted to the selection test. The list of those admitted to the oral test is published on the website at least 5 days before the date.
Test schedule	July 2026 in Varese. It is possible to request the coordinator (dottorato.dista@uninsubria) to carry out the test remotely The list of candidates admitted to the oral test will be published on the website



CLINICAL AND EXPERIMENTAL MEDICINE AND MEDICAL HUMANITIES	
Name in English	Clinical and Experimental Medicine and Medical Humanities
Coordinator's name and contact details (e-mail and telephone)	Prof. Alessandro Squizzato – mail alessandro.squizzato@uninsubria.it – tel +39 3331180844
Department head office	Department of Medicine and Surgery
Reference office	Secretary Office of the Department of Medicine and Surgery dottorato.dmc@uninsubria.it
Main language used	Italian
Expected duration	3 years
Website	https://www.uninsubria.it/formazione/offerta-formativa/dottorati
Scientific area	05 – Biological Sciences; 06 Medical Sciences; 14 – Political and Social Sciences
Scientific-disciplinary fields	BIOS-03/B, BIOS-11/A, MEDS-24/A, MEDS-02/C, MEDS-03/A, MEDS-24/C, MEDS-05/A, MEDS-07/A, MEDS-07/B, MEDS-08/A, MEDS-09/B, MEDS-10/B, MEDS-11/A, MEDS-12/A, MEDS-10/C, MEDS-20/B, MEDS-23/A, MEDS-24/B, MEDS-25/A, GSPS-01/A
Research topics (please describe the topics briefly)	Biomedical research is crucial to the progress and well-being of society, and the profession of biomedical research is among the most intellectually exciting. In recent decades, however, pursuing a research career in biomedicine has become increasingly difficult, due to increased competition and reduced funding. The resulting pressure pushes researchers to violate professional integrity by adopting questionable research practices, to the point of committing acts of actual scientific misconduct. This Course responds to the training needs of young researchers by providing comprehensive and up-to-date knowledge of the fundamental principles, methodologies and practices of preclinical and clinical experimental research in biomedicine. “Academic integrity” in fact means “adherence by individuals and institutions to ethical and professional principles, standards and practices in education, research and study”. Research integrity is therefore active adherence to ethical principles (honesty, reliability, respect for scientific evidence) and to the essential professional standards for the responsible practice of scientific research. This Course is part of an integrated project with the overall objective of training "research doctors", that is, doctors who dedicate a substantial part of their time and professional commitment to biomedical, fundamental, applied/translational research oriented to the patient, thus contributing to the advancement of medical sciences, from the laboratory to the patient's bedside, maintaining a rigorous and high scientific standard in basic as well as clinical research.
Details of positions with a university scholarship and/or external funding (funding must cover at least 3	n. 7 university scholarships



years of the normal course duration)	
Positions without scholarship	n. 2 positions without scholarship
Curricula (indicate max. 2 curricula ONLY if required for accreditation)	-
Admission requirements (qualifications)	<p>To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree, or another qualification obtained abroad and recognized as suitable.</p> <p>Those who have not yet obtained the qualification are also admitted to the tests; enrollment can only be completed for those who obtain it by October 31st.</p> <p>Possession of an adequate cultural background and a personal path suitable for undertaking the PhD course will be the subject of specific and in-depth verification and evaluation at the time of admission</p>
Qualifications to be assessed and documents to be attached, scoring and test procedure	
<p>Total score: 120 points total (qualifications + tests)</p> <p>Qualifications: 60 points max</p> <ul style="list-style-type: none"> - 10 points for the degree grade; - 10 points for other university qualifications; - 15 points for the relevance of the thesis; - 15 points for publications relevant to the topics of the course; - 10 points for other qualifications relevant to the topics of the course. <p>The qualifications must be accompanied (under penalty of exclusion) by a list of qualifications. Criterion: relevance of the scientific profile to the topics of the Doctorate</p> <p>Selection test score: 60 points max - minimum score to pass the test 40</p> <p>The exam is divided into a written test (max score, 30 points; minimum score, 20 points) consisting of the drafting of a hypothetical research project, and a subsequent oral test (max score, 30 points; minimum score, 20 points), in which the candidate will be asked to discuss the project produced in the written test, with particular attention to:</p> <ul style="list-style-type: none"> • its relevance to the course topics • its feasibility over the three years • the originality of the proposal • the clarity of the presentation. <p>Each candidate will have one hour to write the project. Part of the interview will be dedicated to verifying knowledge of the foreign language.</p>	
Details of qualifications - 60 points max. total	
Maximum score: 10	<p>Master's degree grade.</p> <p>In the event that the degree has not been obtained yet, the following will be assessed:</p>



	the grades of the individual exams of the Master's degree, and Bachelor's degree final mark
Maximum score: 10	Other university qualifications
Maximum score: 15	Relevance of the thesis
Maximum score: 15	Scientific publications related to the subjects of the PhD (max. 10)
Maximum score: 10	Other titles relevant to the PhD course topics
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	<p>Signed and dated <u>Curriculum Vitae</u>, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed."_(add information as deemed necessary). Use CVeuropass</p> <p>The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:</p> <p>3. Qualifications:</p> <p>E) Master graduates: Self-certification, acquired from the university's electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark</p> <p>F) Graduating students: Self-certification acquired from the institution's electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor's degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p> <p>3. List of publications, if any, including conference presentations template obligatorily indicating the DOI if open source, or attaching full article</p> <p>4. Additional qualifications (template): specialisation courses, PhD programmes, Master's courses, awards;</p> <p>5. Further qualifications template: research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support),</p>



	collaborations in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation; 6.List of submitted titles template. The qualifications must be accompanied (under penalty of exclusion) by a list of qualifications
Type of tests (specify the time schedule of the different tests or which test will be used)	<p>The selection tests are:</p> <ol style="list-style-type: none">1. Written test2. Oral test3. Evaluation of qualifications <p>All candidates registered for the competition must take the selection test consisting of the drafting (in written form) of a hypothetical research project, followed by an oral interview in which the candidate will be asked to discuss the project described, with particular attention to:</p> <ul style="list-style-type: none">• its relevance to the course topics• its feasibility over the three years• the originality of the proposal• clarity of exposition. <p>Each candidate will have one hour to draft the project. Part of the interview will be dedicated to verifying knowledge of the foreign language.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 40 points in the selection tests will be admitted to the evaluation of qualifications</p> <p>The list of those admitted to the evaluation of qualifications is published on the website at least 5 days before the date</p>
Test schedule	<p>The tests will take place the 14th of September 2026, according to the calendar that will be published on the website.</p> <p>You can request by email to the President of the Competition Committee to carry out the tests remotely only for exceptional condition (dottorato.dmc@uninsubria.it)</p> <p>The list of candidates admitted to the first test will be published on the website</p>



EXPERIMENTAL AND TRANSLATIONAL MEDICINE

Name in English	Experimental and Translational Medicine
Coordinator's name and contact details (e-mail and telephone)	Prof. Mauro Fasano – mail mauro.fasano@uninsubria.it – tel +39 0331 339 450
Department head office	Dipartimento di Medicina e Innovazione Tecnologica
Reference office	dottorato.dimit@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.it/formazione/offerta-formativa/dottorati
Scientific area	Area 5 (Biological sciences) and Area 6 (Medical sciences)
Scientific-disciplinary fields	BIOS-04/A, BIOS-06/A, BIOS-07/A, BIOS-08/A, BIOS-10/A, BIOS-11/A, BIOS-14/A, MEDS01-A, MEDS-02/A, MEDS-03/A, MEDS-04/A, MEDS-07/A, MEDS-07/B, MEDS-08/A, MEDS-09/A, MEDS-10/B, MEDS-16/A, MEDS-19/A, MEDS-21/A, MEDS-22/A, MEDS-26/A
Research topics (please describe the topics briefly)	<p>Active research projects are the following ones:</p> <ol style="list-style-type: none"> 1. Network-Based Proteomics and Systems Biology for Biomarker Discovery in Complex Diseases. Supervisor: Prof. Tiziana Alberio 2. Development of a data-driven machine learning framework to track and counter antimicrobial-resistant bacterial clones. Supervisor: Dr. Gabriele Arcari 3. To investigate the context-dependent epigenetic regulatory mechanisms mediated by UHRF1 at Embryonic Morphogenesis and Onco-foetal loci for determining opposite prognostic outcomes in gastric versus renal and adrenal cancers. Supervisor: Prof. Ian Marc Bonapace 4. From Pathogenic Mechanisms to Therapeutic Targeting: Comparative Analysis of Neurotransmitter Transporters Variants in Rare Neurodevelopmental Disorders (NDD). Supervisor: Prof. Elena Bossi 5. Dissecting the significance of ZBTB18-TIP60 complex interaction in the GBM mesenchymal/quiescence state. Supervisor: Dr. Maria Stella Carro 6. NODE-AI: Artificial Intelligence–Based Detection of Positive Lymph Nodes in Apparent Early-Stage Ovarian Cancer. Supervisor: Prof. Jvan Casarin 7. Evaluation of the arrhythmogenic substrate and mechanisms associated with fibrosis and non-myocyte cells in atrial and ventricular myocardium. Supervisor: Prof. Roberto De Ponti 8. Integration of bioinformatic analyses and clinical validation to study retrotransposon derepression in gastric inflammatory conditions with



	<p>neoplastic risk. Supervisor: Prof. Daniela Furlan. Co-Supervisor: Prof. Mauro Fasano</p> <p>9. Role of nutrition and the microbiota-gut-brain axis in the pathogenesis of early-onset breast cancer. Supervisor: Prof. Cristina Giaroni</p> <p>10. Evaluation of Clinical Safety, Long-Term Efficacy, and Prophylactic Strategies in Solid Organ Transplantation from HBsAg-Positive Donors. Supervisor: Prof. Paolo Grossi</p> <p>11. Characterization of the CDKL5 Regulatory Network in the Central Nervous System. Supervisor: Prof. Charlotte Kilstrup-Nielsen</p> <p>12. Molecular profiling and tumor microenvironment evaluation of carcinomas arising in kidney transplanted patients. Supervisor: Prof. Stefano La Rosa</p> <p>13. Characterization of phenotype and function of Natural Killer cells in the tumor microenvironment of renal cancer patients and features of anti-tumor angiogenesis combination immunotherapies. Supervisor: Prof. Lorenzo Mortara</p> <p>14. Balancing the Brain: Neurotransmission, Disease, and New Therapeutic Targets. Supervisor: Prof. Cristina Roseti</p> <p>15. Development of a predictive algorithm for the automatic detection and classification of patient-ventilator asynchronies. Supervisor: Prof. Dina Visca</p>
Details of positions with a university scholarship and/or external funding (funding must cover at least 3 years of the normal course duration)	n. 7 university scholarships
Positions without scholarship	n. 2 positions without scholarship
Admission requirements (qualifications)	<p>To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree or another qualification obtained abroad and recognized as suitable.</p> <p>Those who have not yet obtained the qualification are also admitted to the tests; enrollment can only be completed for those who obtain it by October 31st.</p> <p>The admission degree must be equivalent to one of the following classes:</p> <ul style="list-style-type: none"> • LM-6 Biology • LM-7 Agricultural Biotechnology • LM-8 Industrial Biotechnology • LM-9 Medical, Veterinary and Pharmaceutical Biotechnology • LM-13 Pharmacy and Industrial Pharmacy • LM-17 Physics



	<ul style="list-style-type: none"> • LM-41 Medicine and Surgery • LM-46 Dentistry and Dental Prosthetics • LM-54 Chemical Sciences <p>-</p> <p>-</p>
Qualifications to be assessed and documents to be attached, scoring and test procedure	
Total score: 120 points total (qualifications + tests)	
Qualifications: 60 points max	
sSee details below	
Qualifying test score: 60 points max	
The following will be evaluated: scientific activity carried out during and after the Master's thesis (20 points), the vision for the development of the research topic selected from those indicated (20 points), motivation (10 points), and proficiency in the English language (10 points).	
Details of qualifications - 60 points max. total	
Maximum score: 35 points	Master's degree grade (Laurea Magistrale/Specialistica/Single-Cycle Degree/Old-System Degree). If the degree has not yet been obtained, the following will be evaluated: the grades of the examinations taken within the Master's degree/Specialistica/Single-Cycle Degree/Old-System Degree program, the Bachelor's degree grade, and the grades of the examinations taken.
Maximum score: 10 points	Relevance of the Master's degree thesis to the PhD program topics.
Maximum score: 4 points	Scientific publications related to the PhD program topics (maximum 5)
Maximum score: 3 points	Participation in conferences with oral or poster presentations
Maximum score: 3 points	Professional Master's programs and other educational activities
Maximum score: 4 points	Additional qualifications – participation in national and international schools, internships abroad, scholarships, research fellowships and grants, tutoring, teaching activities carried out (seminars, contracts, teaching assistant appointments), collaborations in research activities, awards received, and any other qualification considered useful by the candidate for evaluation purposes.
Maximum score: 1 point	Reference letter(s)
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	Signed and dated Curriculum Vitae, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed." (add information as deemed necessary). Use CVeuropass The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:



	<p>4. Qualifications:</p> <p>G) Master graduates: Self-certification, acquired from the university's electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark</p> <p>H) Graduating students: Self-certification acquired from the institution's electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor's degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master's degree) (in .pdf format)</p> <p>3. List of publications, if any, including conference presentations (use the template for publications) mandatorily indicating the DOI if open source, or attaching full article</p> <p>17. Additional qualifications (template): specialisation courses, PhD programmes, Master's courses, awards;</p> <p>18. Further qualifications (use the template for additional qualifications): participation in national and international schools, internships abroad, scholarships, research fellowships and grants, tutoring, teaching activities carried out (seminars, contracts, teaching assistant appointments), collaborations in research activities, awards received, and any other qualification considered useful by the candidate for evaluation purposes;</p> <p>19. Reference letters (up to three), from university lecturers or researchers with whom the candidate has worked (candidates must enter the name and e-mail address of the contact person(s) identified when registering online for the competition and the letters will be submitted directly by the contact persons in the online procedure). The letters must specify the institutional role of the letter writer in his/her institution, the type of relationship he/she had with the candidate and provide an objective assessment of the candidate's skills and performance with reference to similarly experienced students known during his/her career, specifying the candidate's strengths and weaknesses, with reference to his/her potential to successfully complete the PhD programme.</p> <p>The letters can be entered in the online procedure until the deadline of the call; therefore, it is advisable to proceed with the registration with sufficient advance notice otherwise it will be impossible to have the letters of the referents entered.</p> <p>20. List of submitted titles (use the template for publications)</p>
<p>Type of tests</p>	<p>The selection procedures consist of:</p> <ol style="list-style-type: none"> 1. evaluation of qualifications



(specify the time schedule of the different tests or which test will be used)	<p>2. oral examination</p> <p>Candidates will be assessed on their scientific interests, their technical and scientific competencies, and the motivations that led them to apply for this specific PhD program. Candidates will be asked to identify two research projects of interest, in order of priority, from those proposed by the PhD Board.</p> <p>The evaluation will consider: the strength of the scientific background, with particular reference to the scientific activity carried out during and after the Master's thesis; the vision for the development of the selected research topic among those proposed; the motivation, with particular reference to the topics related to the research project in which the candidate is interested; and proficiency in the English language.</p> <p>Upon request by the candidate, the admission examination may be conducted in English.</p> <p>The examination will be held in person, unless a justified written request is submitted by the candidate and positively evaluated by the Examination Committee according to criteria established by the Committee itself.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 40 points in the evaluation of qualifications will be admitted to the selection tests</p> <p>The list of those admitted to the tests is published on the website at least 5 days before the date</p>
Test schedule	<p>The schedule of the examinations will be published on the website.</p> <p>The list of candidates admitted to the first test will be published on the website</p>



METHODS AND MODELS FOR ECONOMIC DECISIONS

Coordinator's name and contact details	Prof. Elisa Mastrogiacomo – e-mail elisa.mastrogiacomo@uninsubria.it
Department head office	DiECO – Department of Economics
Reference office	dottorato.dieco@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/methods-and-models-economic-decisions-xli-cycle
Scientific area	Area 13 - Economic and Statistical sciences
Scientific-disciplinary fields	ECON-01/A, ECON-02/A, ECON-03/A, ECON-04/A, ECON-05/A, ECON-06/A, ECON-07/A, ECON-09/A, ECON-09/B, ECON/12, STEC-01/B, STAT-01/A, STAT-02/A, STAT-04/A, MATH-03/A, MATH-03/B, MATH-06/A, INFO-01/A
Research topics	Business Administration, Accounting & Performance Measurement; Econometrics; Behavioural Economics; Economics of Financial Intermediaries and Corporate Finance; Public Economics; Health Economics; Experimental Economics, Entrepreneurship, Management, and Innovation Management; Innovation, Intellectual Property, and Development; Macroeconomics; Economic Methodology; Risk Measures and Stochastic Calculus; Optimization; Decision-Making Processes of Economic Agents; Sustainability, Innovation, and Territory; Economic History; Taxation, Inequality, and Fiscal Microsimulation; Transport, Regulation, and Sustainable Development
Details of positions with a university scholarship and/or external funding	n. 6 university scholarships
Positions without scholarship	n. 2 positions without scholarship
Admission requirements (qualifications)	To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree, or another qualification obtained abroad and recognized as suitable. Those who have not yet obtained the qualification are also admitted to the tests; enrolment can only be completed for those who obtain it by October 31st.
Qualifications to be assessed and documents to be attached, scoring and test procedure	
Total score: 120 points total (qualifications + tests)	
Qualifications. 60 points max	
<ul style="list-style-type: none"> - Degree grade: up to a maximum of 15 points (if the thesis has not yet been discussed, the arithmetic average of the exam grades will be considered); - Master's thesis: up to a maximum of 10 points (for evaluation purposes, at least the title and an extended abstract of the thesis must be submitted; the full version of the thesis is optional) Criteria: scientific relevance, degree of originality, and consistency with the PhD programme topics;	

- Research project: up to a maximum of 15 points (a description of the research project must be submitted for evaluation)
Criteria: scientific relevance, degree of originality, and consistency with the PhD programme topics;
- Publications and conference presentations: up to a maximum of 5 points (for evaluation, a PDF copy of up to 10 publications must be submitted)
Criteria: scientific relevance, degree of originality, and consistency with the PhD programme topics;
- Educational and professional experience: up to a maximum of 5 points
Criteria: number, continuity, and relevance to the PhD programme topics;
- Other qualifications, including any language/IT certifications and up to 3 letters of recommendation: up to a maximum of 10 points.

Qualifying test score: oral test. 60 points max

Candidates who obtain at least 40 points in the evaluation of qualifications will be invited to an oral interview focused on their scientific interests and the motivations behind their application to the PhD programme in Methods and Models for Economic Decisions.

The interview, which can be awarded up to a maximum of 60 points, will also assess basic knowledge in economics and quantitative disciplines, proficiency in English, and the presentation of potential research topics relevant to the PhD programme.

The interview is conducted in person, is public, and may be held in either Italian or English. Candidates may request to attend the interview remotely via Microsoft Teams, provided that a well-founded justification is submitted to both the Coordinator and the Examination Committee.

The interview is considered passed if the candidate obtains a score of no less than 40 out of 60. If the interview is conducted in Italian, the candidate's knowledge of English will still be assessed.

Details of qualifications - 60 points max. total

Maximum score: 15	Master's degree grade. In the event that the degree has not been obtained yet, the following will be assessed: the grades of the individual exams of the Master's degree, and Bachelor's degree final mark
Maximum score: 10	Master's thesis: for evaluation purposes, at least the title and an extended abstract of the thesis must be submitted. Submitting the full version of the thesis is optional.
Maximum score: 15	Research project: a description of the research project must be submitted for evaluation.
Maximum score: 5	Publications and conference presentations: for the evaluation of publications, a PDF copy of up to 10 publications must be submitted.
Maximum score: 5	Educational and professional experience including participation in schools, internships abroad, scholarships, prizes
Maximum score: 10	Other relevant qualifications, including any language or IT certifications and no more than 3 letters of recommendation

Documentation

The documents must be submitted using the online Esse3 form by uploading a

Curriculum vitae and attachments

Signed and dated Curriculum Vitae, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research

<p>signed pdf following the templates</p>	<p>experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: “Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed.” (add information as deemed necessary).</p> <p>Use CVeuropass</p> <p>The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:</p> <p>1. Qualifications:</p> <p>A) Master graduates: Self-certification, acquired from the university’s electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master’s degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark</p> <p>B) Graduating students: Self-certification acquired from the institution’s electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master’s degree exams with grades. Please specify the expected date of the Master’s degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor’s degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master’s degree) or detailed summary of the thesis (in .pdf format)</p> <p>3. Research project template relevant to the above subject, (in .pdf format)</p> <p>4. List of publications, if any, including conference presentations template obligatorily indicating the DOI if open source, or attaching full article Up to a maximum of 10</p> <p>5. Additional qualifications (template): specialisation courses, PhD programmes, Master’s courses, awards</p> <p>6. Further qualifications template: research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support), collaborations in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation</p> <p>7. Reference letters (up to three), from university lecturers or researchers with whom the candidate has worked (candidates must enter the name and e-mail address of the contact person(s) identified when registering online for the competition and the letters will be submitted directly by the contact persons in the online procedure). The letters must specify the institutional role of the letter writer in his/her institution, the type of relationship he/she had with the candidate and provide an objective assessment of the candidate’s skills and performance with reference to similarly experienced students known during</p>
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	<p>his/her career, specifying the candidate's strengths and weaknesses, with reference to his/her potential to successfully complete the PhD programme.</p> <p>The letters can be entered in the online procedure until the deadline of the call; therefore, it is advisable to proceed with the registration with sufficient advance notice otherwise it will be impossible to have the letters of the referents entered.</p> <p>8. List of submitted titles template</p>
Type of tests and timeline	<p>The selection tests are:</p> <ol style="list-style-type: none">1. evaluation of qualifications2. oral exam <p>Candidates who obtain at least 40 points in the evaluation of qualifications will be invited to an oral interview focused on their scientific interests and the motivations behind their application to the PhD programme in Methods and Models for Economic Decisions.</p> <p>The interview, which can be awarded up to a maximum of 60 points, will also assess basic knowledge in economics and quantitative disciplines, proficiency in English, and the presentation of potential research topics relevant to the PhD programme.</p> <p>The interview is conducted in person, is public, and may be held in either Italian or English. Candidates may request to attend the interview remotely via Microsoft Teams, provided that a well-founded justification is submitted to the Coordinator, the Examination Committee and to the PhD Office of DiECO (dottorato.dieco@uninsubria.it).</p> <p>The interview is considered passed if the candidate obtains a score of no less than 40 out of 60. If the interview is conducted in Italian, the candidate's knowledge of English will still be assessed.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 40 points in the evaluation of qualifications will be admitted to the selection tests</p> <p>The date, location, and list of candidates admitted to the interview are published on the website https://www.uninsubria.it/formazione/offerta-formativa/dottorati, usually 5 days before the interview date.</p>
Test schedule	<p>The period and location of the interview will be published on the website well in advance. It is possible to request to attend the interview remotely via the Microsoft Teams platform by submitting an appropriate justification to the PhD Coordinator and the examination committee. The request must be sent to elisa.mastrogiacomo@uninsubria.it and dottorato.dieco@uninsubria.it.</p>



CHEMICAL AND ENVIRONMENTAL SCIENCES	
Name in English	CHEMICAL AND ENVIRONMENTAL SCIENCES
Coordinator's name and contact details (e-mail and telephone)	Prof. Sandro Recchia – mail sandro.recchia@uninsubria.it – tel +39 0312386450
Department head office	Dipartimento di Scienza e Alta Tecnologia, Via Valleggio 11 22100 Como
Reference office	dottorato.disat@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/chemical-and-environmental-sciences-xli-cycle
Scientific area	03 – Chemical Sciences; 04 Earth Sciences; 05 – Biological Sciences; 06 Medical Sciences; 08 – Civil Engineering;
Scientific-disciplinary fields	Botany ex BIO/02 - BIOS-01/B, Zoology ex BIO/05 - BIOS-03/A, Ecology ex BIO/07 - BIOS-05/A, Analytical Chemistry ex CHIM/01 - CHEM-01/A, Inorganic Chemistry ex CHIM/02 - CHEM-02/A, ex CHIM/03 - CHEM-03/A, Industrial Chemistry ex CHIM/04 - CHEM-04/A, Organic Chemistry ex CHIM/06 - CHEM-05/A, Environmental Chemistry ex CHIM/12 – CHEM-01/B, Structural Geology ex GEO/03 - GEOS-02/C, Geomorphology ex GEO/04 - GEOS-03/A, Occupational Hygiene ex MED/44 - MEDS-25/B, Construction Techniques ex ICAR/09 - CEAR-07/A, Environmental Engineering ex ICAR/03 - CEAR-02/A, Chemical Engineering ex ING-IND/24 - ICHI-01/B
Research topics (please describe the topics briefly)	In the current era, characterized by increasingly urgent environmental challenges and the need to develop innovative solutions to ensure liveable development, also in light of the recent international crises in Ukraine and Palestine, the Doctoral Course in Chemical and Environmental Sciences at the University of Insubria is a reference in the training of researchers and professionals capable of facing these challenges with competence, creativity and commitment. The research conducted within the DISCA includes two specialized curricula "Chemical Sciences" (Energy and Health) and "Environmental Sciences" (Environment and Territory). The laboratories involved in the DISCA carry out investigations in various sectors of chemical and environmental sciences, make use of the presence in the territory of foundations and public bodies engaged in research and technological development activities, and are an active part of networks of excellence in international research. Areas of interest: Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Environmental Chemistry, Industrial Chemistry, Materials Science, Earth Sciences, Animal Biology, Plant Biology, Environmental Engineering, Industrial Engineering, Ecology, Occupational Medicine, Climate Change.



Details of positions with a university scholarship and/or external funding (funding must cover at least 3 years of the normal course duration)	n. university scholarships 6 n. co-funded scholarships 2 1. One 50% co-funded grant from Choose Life BioTech SA for the research project entitled: "Synthesis and Biological Evaluation of Antibody–Drug Conjugates and Nanobody–Drug Conjugates" 2. One 50% co-funded grant from of Italfarmaco SpA for the research project entitled: "Synthesis and Evaluation of Novel PROTACs with Potential Pharmacological Interest".
Positions without scholarship	n. 2 positions without scholarship
Curricula (indicate max. 2 curricula ONLY if required for accreditation)	1. Chemical Sciences, 5 positions, 4 grants 2. Environmental Sciences, 5 positions, 4 grants
Admission requirements (qualifications)	To be admitted to a PhD course, you must have a master's degree/specialist degree/single cycle degree/old system degree or another qualification obtained abroad and recognized as suitable. Those who have not yet obtained the qualification are also admitted to the tests; enrollment can only be completed for those who obtain it by October 31st.
Qualifications to be assessed and documents to be attached, scoring and test procedure	
Total score: 120 points total (qualifications + tests)	
Qualifications: 60 points max Qualifications that can be assessed: - degree grade and curriculum vitae of university studies, including the list of exams taken with their evaluation; the average of the grades obtained during the university course will be assessed; - <i>curriculum vitae</i> , to be submitted as specified in the "Documentation" section - relevance of the thesis to the themes of the Doctorate with respect to the chosen curriculum; for the evaluation of the thesis it is necessary to send at least the title and summary of the thesis itself; - any scientific publications relating to the themes of the Doctorate; - any other qualifications that can be assessed: conference presentations, participation in schools, work activities relating to the themes of the Doctorate, additional qualifications, prizes and awards <u>Only candidates who obtain at least 25 points in the evaluation of qualifications will be admitted to the oral exam</u>	
Oral exam: 60 max points The oral exam is considered passed if the candidate obtains a score of no less than 40/60	
Details of qualifications - 60 points max. total	
Maximum score: 24	Master's degree grade. In the event that the degree has not been obtained yet, the following will be assessed: the grades of the individual exams of the Master's degree, and Bachelor's degree final mark
Maximum score: 12	relevance of the thesis to the themes of the Doctorate with respect to the chosen curriculum






Maximum score: 5	Scientific publications related to the subjects of the PhD (establish max. no. of publications to be attached; max. 5)
Maximum score: 14	Teaching activities - tutoring, teaching support, seminars
Maximum score: 5	Additional training and awards - participation in schools, internships abroad, scholarships, prizes
Documentation	Curriculum vitae and attachments
The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates	<p>Signed and dated Curriculum Vitae, complete with personal data, education and training, date of final dissertation and corresponding marks, institution at which the qualification was obtained, work and research experience, theses and publications (list), + authorisation to process data and declaration pursuant to Presidential Decree 445/2000 art. 76: "Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed." (add information as deemed necessary). Use CVeuropass</p> <p>The following documents must be submitted to provide information on the qualifications that will then be assessed on the basis of the self-certification:</p> <p>5. Qualifications:</p> <p>I) Master graduates: Self-certification, acquired from the university's electronic record or prepared using the template, dated and signed in person or digitally, the degree title (Master's degree or equivalent), containing a list of the exams with the marks, the title of the dissertation, an indication of the university that awarded the degree, the date of award and the final mark</p> <p>J) Graduating students: Self-certification acquired from the institution's electronic record or prepared using the template, dated and signed by hand or digitally with:</p> <p>B1. List of Master's degree exams with grades. Please specify the expected date of the Master's degree final dissertation (by 31 October of the current year)</p> <p>B2. Bachelor's degree with date, final grade and list of exams with grades</p> <p>2. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p> <p>3. List of publications, if any, including conference presentations (use the template for publications) obligatorily indicating the DOI if open source, or attaching full article Up to a maximum of 5</p> <p>21. Additional qualifications (template): specialisation courses, PhD programmes, Master's courses, awards;</p> <p>22. Further qualifications (use the template for additional qualifications): research grants and scholarships, tutoring, teaching activities (seminars, teaching contracts, teaching support), collaborations</p>



	<p>in research activities, awards, any other qualification deemed useful by the candidate for the purposes of evaluation;</p> <p>23. List of submitted titles (use the template for publications)</p>
<p>Type of tests (specify the time schedule of the different tests or which test will be used)</p>	<p>The selection tests are:</p> <ol style="list-style-type: none">1. evaluation of qualifications2. oral test <p>Up to a maximum of 60 points will be awarded for the oral exam, including knowledge of the foreign language (10 points).</p> <p>Candidates who have obtained at least 25 points in the evaluation of their qualifications will be examined in person on their scientific interests; on the reasons that led them to enroll in this specific Doctorate; on the definition of a hypothetical research project of their own, of which the candidate will illustrate the aims, methodologies, procedures and timing of implementation. The solidity of the cultural background will be assessed, with particular reference to the topics related to the chosen curriculum, the ability to discuss the most important discoveries of recent years in the area of expertise of the Doctorate, the methodological, research, field and/or laboratory skills, and the knowledge of the English language and other community languages.</p> <p>The admission test can be taken remotely on the Teams Platform and/or in English at the request of the candidate.</p> <p>More information on the course on the web page https://www.uninsubria.it/formazione/offerta-formativa/scienze-chimiche-ambientali-xli-ciclo</p>
<p>Admission to the first test/assessment of qualifications</p>	<p>Only candidates who obtain at least 25 points in the evaluation of qualifications will be admitted to the oral exam</p> <p>The list of those admitted to the tests/evaluation of qualifications is published on the website www.uninsubria.it/bandodottorati at least 5 days before the date of the oral exam</p>
<p>Test schedule</p>	<p>The date and location of the exam will be published on the website well in advance.</p> <p>Only for foreign candidates residing abroad, it will be possible to carry out the interview on the Teams Platform and/or in English by making a motivated request to the Coordinator (dottorato.disat@uninsubria.it; sandro.recchia@uninsubria.it) to carry out the tests remotely.</p>



LIFE SCIENCES AND BIOTECHNOLOGY	
Coordinator's name and contact details	Prof. Antonio Montagnoli – e-mail antonio.montagnoli@uninsubria.it – tel. +39 0332 39 7654
Department head office	DBSV – Dipartimento di Biotecnologie e Scienze della Vita
Reference office	Dottorato DBSV - dottorato.dbsv@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/life-sciences-and-biotechnology-xlii-cycle
Scientific area	03 – Chemical sciences 05 – Biological sciences 06 – Medical sciences 07 – Agricultural and Veterinary Sciences
Scientific-disciplinary fields	AGRI-09/D; BIOS-01/C; BIOS-02/A; BIOS-03/A; BIOS-04/A; BIOS-07/A; BIOS-08/A; BIOS-10/A; BIOS-14/A; BIOS-15/A; CHEM-07/C; MEDS-13/B; MEDS-15/A; MEDS-16/A; MEDS-17/A; MEDS-18/A.
Research topics	<p>The educational and research training offered by the PhD Program in Life Sciences and Biotechnology is distinguished by a strongly interdisciplinary approach, integrating the expertise of faculty members from 4 different, yet complementary, CUN (National University Council) academic fields. The Program develops multidisciplinary projects within both national and international networks of excellence. These projects are dedicated to the study of biological systems at various levels of complexity (molecular, cellular, and organismal) and are aimed at developing advanced theoretical and methodological skills.</p> <p>Research activities focus on the main applied biotechnology sectors, such as biomedicine (both translational and clinical), industry, and environmental sustainability. Particular attention is paid to developing an integrated and systemic approach that connects basic and translational research to practical applications, also through the use of cutting-edge infrastructure and technological platforms for the analysis of complex biological systems.</p> <p>Thanks to a solid synergy with the corporate world and with affiliated public and private research and healthcare institutions (including IRCCS - Scientific Institutes for Research, Hospitalization and Healthcare, ASST - Territorial Healthcare Academic Companies, and ATS - Health Protection Agencies), the program is structured to offer high-profile career opportunities, not only within academia but also in corporate and industrial settings.</p>
Details of positions with a university scholarship and/or external funding	<p>7 University scholarships</p> <p>1 scholarship funded by the LIFE NatConnect2030 project “Natural connections for Natura2000 in Northern Italy to 2030” > Work package WP6 – Governance, T.6.2 Data collection on the conservation status of habitats and species. CUP F86C23080850004. (LIFE-2022-STRAT-two-stage, no. 101104366).</p>

	<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <p>Co-funded by the European Union</p> </div>   </div> <p>The focus of this research is on plant communities corresponding to habitats of Community interest belonging to categories E.2.4 Grasslands, and E.2.7 Rocky habitats, dunes, and sparsely vegetated lands targeted by the measures of the “Prioritized Action Framework” (PAF) for Natura 2000 in Lombardy.</p> <p>The scholarship will have a duration of 36 months (from November 1st, 2026 to October 31st, 2029). The annual amount of the scholarship is € 16,243.00. The PhD scholarship is subject to the payment of INPS social security contributions (Gestione Separata), in accordance with the current relevant legislation.</p>
<p>Positions without scholarship</p>	<p>2 positions without scholarship, of which 1 is dedicated to research activities associated with the reference project will be conducted at the Innate Immunity Laboratory (Affiliated Unit of Molecular Pathology, Biochemistry, and Immunology) of the IRCCS MultiMedica in Milan, within the Joint Platform under the Framework Agreement between the University of Insubria and IRCCS MultiMedica.</p>
<p>Admission requirements</p>	<p>To be admitted to a PhD program, applicants must hold a Master’s degree (Laurea Magistrale / Specialistica / a ciclo unico / vecchio ordinamento) or an equivalent qualification obtained abroad and recognized as eligible.</p> <p>Candidates who have not yet obtained their degree may also participate in the selection process, provided they obtain it by October 31st. In the event of passing the examination, enrollment can only be finalized for those who obtain their degree by that date.</p> <p>The degree required for admission must have been obtained in one of the following fields/degree classes: Biology, Agricultural, Industrial, Medical, Veterinary, and Pharmaceutical Biotechnologies, Pharmacy and Industrial Pharmacy, Medicine and Surgery, Dentistry and Dental Prosthodontics, Sciences of Health Professions for Technical Sciences, Veterinary Medicine, Psychology, Mathematics, Physics, Computer Science, Chemical Sciences, Sciences and Technologies of Industrial Chemistry, Engineering (Biomedical, Chemical, Energy and Nuclear, Management, Computer, Environmental and Land), Nature Sciences, Agricultural Sciences and Technologies, Animal Science and Animal Technologies, Environmental and Land Sciences and Technologies, Forestry and Environmental Sciences and Technologies, Human Nutrition Sciences, Food Sciences and Technologies, Economic Sciences for the Environment and Culture, and Communication Theories.</p>
<p>Qualifications subject to evaluation and documentation to be attached, scoring and examination procedures</p>	
<p>Total Score: 120 points (qualifications + oral examination)</p> <ul style="list-style-type: none"> • Qualifications Score: Maximum 60 points 	



The evaluation takes into account the graduation final mark, the relevance of the thesis to the PhD program topics, any relevant publications, the university academic curriculum, as well as other qualifications consistent with the research areas of the PhD program, according to the details below. Only candidates who obtain a score of **at least 40/60** in the evaluation of qualifications will be admitted to the oral examination.

- **Oral Examination Score: Maximum 60 points**

The oral examination consists of an interview with the Selection Committee aimed at assessing the candidate's knowledge and scientific background in the research areas of the DSVB. The interview will also focus on past research activities and the research project the candidate intends to develop during the PhD program, outlining the scientific rationale, objectives, methodologies, timelines, and potential critical issues. The candidate's educational and research goals will also be assessed, alongside their proficiency in English (maximum 10 points). The oral examination must be conducted, at least in part, in English.

The oral examination is considered passed if the candidate obtains a score of **at least 40/60**.

Details of Qualifications Evaluation - Maximum 60 points total

Maximum 30 points	Final Graduation Mark. Final mark of the Master's degree (Laurea Magistrale / Specialistica / a ciclo unico / vecchio ordinamento). If the degree has not yet been obtained, the evaluation will be based on: The marks/grades obtained in the examinations taken for the Master's degree (Laurea Magistrale / Specialistica / a ciclo unico / vecchio ordinamento).
Maximum 15 points	Master's Thesis Master's degree thesis, evaluated on the basis of its relevance to the specific field and scope of the PhD Program.
Maximum 10 points	Academic Curriculum and Other Eligible Qualifications Academic and teaching activities: tutoring, teaching assistance, seminars. Supplementary training and awards: participation in summer/winter schools, internships abroad, scholarships, and prizes/awards.
Maximum 5 points	Scientific Publications Scientific publications relevant to the research areas of the PhD Program (maximum of 5 publications).

Documentation

The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates

Curriculum vitae and attachments

Curriculum Vitae: Must be signed and dated, and include personal data, educational and training background (with graduation dates and final marks), the awarding Institution, professional and research experience, thesis title, and a list of publications.

It must also include data processing authorisation (privacy policy) and the statutory declaration pursuant to Art. 76 of Presidential Decree (DPR) no. 445/2000: *"Anyone who issues false declarations, produces false documents or uses them in the cases provided for by this Consolidated Text shall be punished pursuant to the Penal Code and the special laws on the subject. The production of a deed containing data no longer corresponding to the truth is equivalent to the use of a false deed."*

The [Europass CV format](#) must be used.

Candidates must attach the following documents to their CV, which will be subject to evaluation by the Selection Committee:

6. Degree Certificates/Qualifications:

K) Graduates (holding a Master's degree): Self-certification, either downloaded from the Institution's information system or drafted according to the provided [template](#), dated and signed (handwritten or digital signature). It must include: the degree title (Master's degree or equivalent), containing the list of exams taken with respective grades, the thesis title, an indication of the awarding university, the graduation date, and the final mark.

L) Graduating students (Undergraduates): Self-certification either downloaded from the Institution's information system or drafted according to the provided [template](#), dated and signed (handwritten or digital signature), containing:

B1. The list of examinations taken during the Master's degree course, with respective grades, and the expected graduation date (which must be by October 31st of the current year).

B2. Bachelor's degree details: graduation date, final mark, and the list of examinations taken with respective grades.

7. Master's Thesis:

The full thesis (Master's degree) or detailed summary of it (in **.pdf** format).

8. List of publications:

A list of any publications, including conference presentations (**drafted according to the provided template for publications**). Providing the **DOI is mandatory** if the publication is open source; otherwise, the full article must be attached.

Maximum of 5 journal articles.

9. Additional Academic Qualifications (to be declared using the provided [template](#)): specialisation courses, PhD courses, advanced training courses, Master's programs, awards received.

10. Further Qualifications (to be declared using the provided [template](#)): research fellowships, scholarships, tutoring activities, teaching activities (seminars, teaching contracts, teaching support), collaborations in research activities, awards received, and any other qualification deemed relevant by the candidate for evaluation purposes.

11. Reference letters (up to three):

From university professors or researchers with whom the candidate has worked.

During the online application process, candidates must enter the name and the institutional e-mail address of their chosen referee(s). The letters must be uploaded directly by the referees into the online platform.



	<p>The letters must specify the referee's institutional role, their relationship with the candidate, and provide an objective assessment of the candidate's skills and performance compared to other students of similar experience. They must highlight the candidate's strengths and weaknesses, specifically regarding their potential to successfully complete a PhD program. Reference letters can be uploaded online until the official closing date of the call; therefore, it is advisable to proceed with the registration with sufficient advance notice otherwise it will be impossible to have the letters of the referents entered.</p> <p>12. List of Submitted Qualifications: A final comprehensive summary list must be attached, using the provided template.</p>
Type of Examinations	<p>The selection procedures consist of:</p> <ol style="list-style-type: none">1. EVALUATION OF QUALIFICATIONS Only candidates who obtain a score of at least 40/60 in the evaluation of qualifications will be admitted to the oral examination.2. ORAL EXAMINATION The oral examination consists of an interview with the Selection Committee aimed at assessing the candidate's background, aptitude, and scientific soundness in relation to the research fields of the PhD Program. During the interview, the candidate must:<ol style="list-style-type: none">1) Discuss their scientific interests, prior experience, and motivations for pursuing the PhD program;2) Present and discuss a proposal for the development of one of the research projects available for this PhD cycle, highlighting its rationale, aims, methodologies, implementation timeline, and potential pitfalls;3) Demonstrate their scientific grounding, methodological skills, and ability to discuss recent discoveries within the research fields of the PhD Program;4) Conduct at least part of the interview in English. A maximum score of 10 points is reserved for the assessment of English language proficiency. <p>The oral examination will be held in person. Candidates residing outside the university area or abroad may request to take the examination online (exclusively via the Microsoft Teams platform). The written and reasoned request must be submitted via email to the Chairperson of the Selection Committee (dottorato.dbsv@uninsubria.it) at the same time as the submission of the application form.</p> <p>The oral examination is considered passed if the candidate obtains a score of at least 40/60.</p> <p>Available Projects:</p>



Positions with Scholarship:

1. "Discovery, biosynthesis, mode of action and innovative applications of new antibiotics".
Supervisor: Dr. Francesca Berini
2. "Bioactive natural peptides for improving plant stress resistance".
Supervisor: Prof. Marcella Bracale
3. "Integrated regulation of PRODH expression: transcriptional, epigenetic and microRNA-mediated mechanisms".
Supervisor: Prof. Paola Campomenosi
4. "Development of biocatalysts and synthetic metabolic pathways for plastic degradation and valorization through integrated bioinformatics and protein engineering approaches".
Supervisor: Prof. Gianluca Molla
5. "Analysis of soil–root–mycorrhizal interactions along an aridity gradient in Europe and a permafrost gradient in Central Asia".
Supervisor: Prof. Antonio Montagnoli
6. "Metabolism of the amino acid serine in the human central nervous system".
Supervisor: Prof. Luciano Piubelli
7. "Valorization of biomass and waste feedstocks for the production of high-value molecules and the development of sustainable bioprocesses".
Supervisor: Prof. Elena Rosini
8. "Advancing Sustainable Aquaculture: Feed Development from Agro-Industrial By-Products and Their Effects on Fish Intestinal Microbiota".
Supervisor: Prof. Genciana Terova

Additional Scholarship on Project Funds:

9. "Analysis of conservation status and forage value of grasslands of conservation interest in Lombardy"
Supervisor: Prof. Bruno Enrico Leone Cerabolini

Scholarship funded by the LIFE NatConnect2030 project "Natural connections for Natura2000 in Northern Italy to 2030" CUP F86C23080850004. (LIFE-2022-STRAT-two-stage, no. 101104366).

The focus of this research is on plant communities corresponding to habitats of Community interest belonging to categories E.2.4 Grasslands, and E.2.7 Rocky habitats, dunes, and sparsely vegetated lands targeted by the measures of the "Prioritized Action Framework" (PAF) for Natura 2000 in Lombardy.

Positions without Scholarship:



	<p>10. “Epigenetic and Molecular Predictors of Progression from Sinonasal Inverted Papilloma to Squamous Cell Carcinoma”. Supervisor: Prof. Paolo Battaglia</p> <p>11. “Environmental Pollutants, Immune Macro&Microenvironment Alterations, and Biomarker Discovery in Lung Cancer and Cognitive/Functional Decline-Associated Pathologies”. Supervisor: Prof. Antonino Bruno</p> <p>The research activities associated with this reference project will be conducted at the Innate Immunity Laboratory (Affiliated Unit of Molecular Pathology, Biochemistry, and Immunology) of the IRCCS MultiMedica in Milan, within the Joint Platform under the Framework Agreement between the University of Insubria and IRCCS MultiMedica.</p>
Admission to the Oral Examination	<p>Only candidates who obtain a score of at least 40/60 in the evaluation of qualifications will be admitted to the oral examination. The oral examination is considered passed if the candidate obtains a score of at least 40/60.</p> <p>The list of candidates admitted to the oral examination will be published on the website https://www.uninsubria.it/formazione/offerta-formativa/dottorati at least 5 days prior to the date of the examination.</p>
Examination Schedule	<p>The dates, time, and venue of the examination will be published on the website well in advance.</p> <p>Candidates residing outside the university area or abroad may request to take the oral examination online (exclusively via the Microsoft Teams platform). The written and reasoned request must be submitted via email to the Chairperson of the Selection Committee (dottorato.dbsv@uninsubria.it) at the same time as the submission of the application form.</p>