



PROTOCOL REGISTRATION N. 59517 OF 11/06/2025

**NOTICE OF PUBLIC COMPETITION FOR ADMISSION TO PHD PROGRAMMES –
41ST CYCLE
ACADEMIC YEAR 2025/2026**

Art. 1 – ESTABLISHMENT AND ACTIVATION OF PHD PROGRAMMES

- 1.1 The University of Insubria has established the 41st 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 2025** 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.
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 XLI 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 104/1192 or with specific learning disorders within the meaning of Law 170/20210, 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 2025**. 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 € 140.00 and the stamp duty of € 16.00 in accordance with the "Regulations on student contributions for the academic year 2025/2026" 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 (CCRR), 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, Catia Imperatori. 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, June 11 2025

Signed the Rector
Pr. Maria Pierro



Attachment to the competition notice for admission to the 41st cycle Research Doctorates

LAW AND HUMANITIES	
Coordinator's name and contact details	Prof. Giulio Facchetti - giulio.facchetti@uninsubria.it
Department head office	Department of Human Sciences, Territory and Innovation
Reference office	dottorato.disuit@uninsubria.it
Main language used	Italian
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/law-and-humanities-20252026
Scientific area	04 - Earth sciences 06 - Medical sciences 08 - Civil engineering and architecture 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-06/A, HELL-01/B, HIST-02/A, HIST-03/A, ITAL-01/A, LICO-01/A, MEDS-16/A, PAED-02/A, PEMM-01/B, PHIL-01/A, PHIL-02/A, PHIL-04/A
Research topics	The PhD provides an articulated range of keys to understanding modern society, which is increasingly open to the international dimension, through the dialogue between law and the other sciences. If in fact the understanding of institutions and social systems is enhanced by legal, historical and philosophical knowledge, with the help of linguistic, literary and media skills, law must also necessarily make use of economic and scientific knowledge, in order to regulate the complex phenomena that characterise the contemporary world. The doctorate has an interdisciplinary and international character, animated by Italian and foreign lecturers who work mainly in research areas pertaining to the ERC Social Sciences and Humanities sector. The training project plans to provide, with appropriate methodological tools, an integrated didactic offer, in Italian and in English. The research directions concern the interdisciplinary themes connected with the relations between law and science (as in the case of the discipline of the environment and climate change), the relations between law and literature (where the legal aspect is combined with historical, philosophical and literary research) the relations between law and languages



	(where the legal aspect is combined with historical, philosophical and literary research), the relations between law and languages (where the legal aspect is combined with historical, philosophical and literary research), the relations between law and economics (where the legal aspect is combined with historical, philosophical and literary research), the relations between law and art (from the dual perspective of the scholar of art history and the jurist).
Details of positions with a university scholarship and/or external funding	n. 5 university scholarships
Positions without scholarship	n. 1 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>The qualification must be obtained by the application deadline.</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 qualification must have been obtained in the following classes (optional):</p> <p>Master's Degrees in:</p> <p>Law</p> <p>Cultural Anthropology and Ethnology</p> <p>Archaeology</p> <p>Landscape Architecture</p> <p>Archive and Library Science</p> <p>Architectural and Environmental heritage preservation</p> <p>Cultural heritage preservation and restoration</p> <p>Design</p> <p>Modern philology</p> <p>Philology, literature and history of antiquity</p> <p>Information and Publishing Systems</p> <p>Modern European and American Languages and Literatures</p> <p>Modern Languages for International communication and Cooperation</p> <p>Linguistics</p> <p>Medicine and surgery*</p> <p>IT methodologies applied to Humanistic Disciplines</p> <p>Musicology and musical heritage</p> <p>Dentistry and prosthodontics*</p> <p>Territory and city planning</p> <p>Design and Management of Tourism Systems</p> <p>Design and Management of Educational Services</p> <p>Psychology</p> <p>International Relations</p>



	<p>Cognitive Sciences Adult and continuing education sciences Public, corporate and advertising communication sciences Political sciences Public administration sciences Performing Arts and Media Production Economic and business sciences Philosophical sciences Geographical sciences Historical sciences Pedagogical Sciences Welfare services and Policy Sociology and Social Research History of Art Techniques and methods for the digital society Communication Theories Criminology Philology</p> <p>* Candidates with degrees in Medicine and surgery and Dentistry and 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>	
<u>Assessment Criteria:</u>	
<p>1. Criteria for the <u>written test</u>, with a maximum overall score of 30 points The written test will consist of an essay on a topic proposed by the Commission. Each essay will be marked on the following parameters:</p> <ul style="list-style-type: none"> - linguistic quality - effectiveness of the presentation; - mastery of the subject and methodology; - critical ability and reconstructive insight; - Ability to select and use sources correctly; - logical and systematic coherence. <p>Each of the above criteria will be marked by the Commission on a scale of 0 to 5, with a maximum of 30 points for each written test.</p> <p><u>Success in the written test is a prerequisite for admission to the assessment of qualifications and the subsequent oral test.</u></p>	
<p>2. Criteria for the <u>assessment of qualifications</u>, with a maximum overall score of 60 points</p> <p>1) Graduation score: Marks from 60 to 70: 1 point</p>	

Marks from 71 to 80: 3 points
 Marks from 81 to 90: 5 points
 Marks from 91 to 98: 10 points
 Marks from 99 to 103: 14 points
 Marks from 104 to 107: 16 points
 Marks from 108 to 109: 18 points
 Mark 110: 19 points
 Mark 110 cum laude: 20 points

2) Relevance of the Dissertation topic: from 0 to 5 points, keeping into account also the level of interdisciplinarity, interest and development potential of the subject matter.

3) Research activity:

a. Scientific publications (papers published in scientific journals, chapters in volumes, or books with ISBN): from 0 to 10 points overall, in relation to the relevance to the doctorate's subject matter, to the prestige and quality of the publications;
 b. Research activity: from 0 to 10 points, with particular reference to the award of fellowships, research grants, periods, collaborations.

4) Further education: from 0 to 5 points, overall, with special reference to refining courses, master courses, dissertation awards, as well as in regard to the relevance to the the doctorate's topic and the prestige of the qualifications.

5) Teaching at the university level: from 0 to 10 points, overall, with particular regard to workshops, contracts, and to the role of "topic expert", in relation to the quality and relevance to the doctorate's subject matter.

3. Criteria for the evaluation of the oral test, with a maximum overall score of 30 points

Interviews will be focused on determining the candidates' educational background, evaluating research projects proposed by the candidates and assessing their knowledge of English and any other language they have indicated.

Documentation	Curriculum vitae and attachments
	A list of titles must be attached (under penalty of exclusion).
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).</p> <p>Use CVeupass</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>3. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p> <p>4. Research project template relevant to the above subject (in .pdf format)</p> <p>5. List of publications, if any, including conference presentations template obligatorily indicating the DOI if open source, or attaching full article</p> <p>6. Additional qualifications template: specialisation courses, PhD programmes, Master's courses, awards;</p> <p>7. 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>8. List of submitted titles template</p>
Type of tests and timeline	<p>Assessment type:</p> <ol style="list-style-type: none"> 1) written test (30 points) 2) evaluation of qualifications (60 points) 3) oral exam (30 points) <p>The oral and written tests are face-to-face only and are considered passed if the candidate obtains a score of no less than 20/30 in each one.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 20 points in the written test will be admitted to the assessment of qualifications and oral test.</p> <p>The list of those admitted to the oral test is published on the website at least 5 days before the date.</p>
Test schedule	<p>The tests will take place in Como in September 2025.</p> <p>The list of candidates admitted to the first test 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-astro-physics-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> <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.</p> <p>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.</p> <p>The PhD student will work under the supervision of Profs. Lucia Caspani and Matteo Clerici, in the Quantum and Ultrafast Photonics Lab (QUP) at Insubria University in Como. The ERC project provides financial support for the</p>



	research, including potential stays abroad and participation in national and international conferences. Total three-year scholarship with additional funding for 6 months abroad: €82.500. Annual gross income: €20.580.
Positions without scholarship	n. 3 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. The qualification must be obtained by the application deadline. 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 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, to be divided among the various types of tests provided (written tests, if provided as they are not mandatory; oral test or project presentation, to be provided for all as they are mandatory): oral exam/project presentation: max 60 points. Presentation on a blackboard.	
Details of qualifications - 60 points max. total	
Maximum score: 36	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: 3	Scientific publications related to the subjects of the PhD (establish max. no. of publications to be attached; e.g. max. 10)
Maximum score: 7	Teaching activities - tutoring, teaching support, seminars
Maximum score: 5	Additional training and awards - participation in schools, internships abroad, scholarships, prizes
Maximum score: 9	Recommendation letters: up to 3
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

	<p>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."</p> <p>You can use (not mandatory) 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>2. 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, and which could be the description of a possible in-depth study of the master's thesis or a new line of research that the candidate would like to pursue (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</p> <p>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 his/her career, specifying the candidate's strengths</p>
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	<p>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 (at least 3 days before the deadline) 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 tests are: ORAL</p> <p>Discussion of the master's thesis and presentation of a topic chosen by the Commission, in English or English. 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 those admitted to the tests/evaluation of qualifications is published on the website at least 5 days before the date</p>
Test schedule	<p>The examination will be held in the second half 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	
Coordinator's name and contact details	Prof.ssa Barbara Carminati– mail barbara.carminati@uninsubria.it – tel +39 0332 21 8951
Department head office	Theoretical and Applied Sciences Department
Reference office	dottorato.dista@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/phd-doctoral-programs
Scientific area	01 - Mathematics and informatics; 09 - Industrial and information engineering; 13 – Economics and statistics
Scientific-disciplinary fields	INF/01; ING-INF/05; MAT/01; MAT/03, MAT/ 05; MAT/07; MAT/08; SECS-S/01.
Research topics	<p>Models for Applied Sciences: web and social network analysis, statistical models, computer graphics, image reconstruction, and modeling for monument degradation and related interventions;</p> <p>Numerical Methods: approximation of integro-differential-fractional operators; constructive approximation, spectral analysis and computation for matrices and operators, iterative solvers for large-scale (linear and nonlinear) systems, numerical optimization;</p> <p>Innovative Information Management Systems (IoT, social networks, blockchain): supporting models/architectures, processes for information management;</p> <p>Data Analysis: machine learning, image processing, natural language processing, deep learning, big data as a service;</p> <p>Data Security and Privacy: selective data sharing mechanisms, risk and trust management, models supporting user privacy management, computation over encrypted data.</p>
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)	Admission to a PhD course requires a Master's degree or another qualification obtained abroad and recognised as eligible.
Qualifications to be assessed and documents to be attached, scoring and test procedure	
<u>Total score: 120 points total (qualifications + tests)</u>	
Qualifications: 60 points max	
Qualifying oral test score: 60 points max	
Details of qualifications - 60 points max. total	
Maximum score: 20	The grades of the individual exams of the Master's degree and Bachelor's degree, if candidates have already discussed their thesis, Master'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 PhD
Maximum score: 5	training activities and professional experience pertinent to the themes of the Doctoral Program
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).</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>2. 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>3. Final dissertation (Master's degree) or detailed summary of the thesis (in .pdf format)</p> <p>4. Research project template relevant to the above subject, if applicable (in .pdf format)</p> <p>5. List of publications, if any, including conference presentations template obligatorily indicating the DOI if open source, or attaching full article</p>

	<p>Up to a maximum of 5</p> <p>6. Additional qualifications template: specialisation courses, PhD programmes, Master's courses, awards;</p> <p>7. 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>8. 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 (at least 3 days before the deadline) otherwise it will be impossible to have the letters of the referents entered.</p> <p>9. List of submitted titles template</p>
Type of tests and timeline	<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 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.</p>
Admission to the first test/assessment of qualifications	<p>Only candidates who obtain at least 40 points in the assessment of qualifications will be admitted to the selection tests</p> <p>The list of those admitted to the oral tests is published on the website at least 5 days before the date.</p>
Test schedule	<p>Specify date and location: July 2025</p> <p>It is possible to request the coordinator (dottorato.dista@uninsubria) to carry out the tests remotely</p> <p>The list of candidates admitted to the oral test will be published on the website</p>



CLINICAL AND EXPERIMENTAL MEDICINE AND MEDICAL HUMANITIES	
Coordinator's name and contact details	Prof. Alessandro Squizzato – mail alessandro.squizzato@uninsubria.it – tel +39 0332 393668
Department head office	Department of Medicine and Surgery
Reference office	Secretary Office of the Department of Medicine and Surgery segreteria.dmc@uninsubria.it
Main language used	Italian
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/clinical-and-experimental-medicine-and-medical-humanities-xli-cycle
Scientific area	05 – Biological Sciences; 06 Medical Sciences; 14 – Political and Social Sciences
Scientific-disciplinary fields	BIO/08, BIO/14, MED/01, MED/02, MED/07, MED/09, MED/10, MED/11, MED/13, MED/15, MED/17, MED/18, MED/22, MED/25, MED/26, MED/30, MED/35, MED/39, MED/41, MED/42, MED/43, SPS/01
Research topics	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	n. 7 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, and in particular graduates in:

	<p>medicine and surgery, dentistry, veterinary medicine, literature and philosophy, communication sciences and techniques, biological sciences, biotechnology, pharmacy, psychology, chemistry and pharmaceutical technologies, legal and economic sciences.</p> <p>The qualification must be obtained by the application deadline.</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	
Total score: 120 points total (qualifications + tests)	
<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> <p>the grades of the individual exams of the Master's degree, and Bachelor's degree final mark</p>
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

<p>The documents must be submitted using the online Esse3 form by uploading a signed pdf following the templates</p>	<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).</p> <p>Use CVeupass</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>2. 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>3. Final dissertation (Master's degree) or detailed summary of the thesis (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 ____</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. List of submitted titles template. The qualifications must be accompanied (under penalty of exclusion) by a list of qualifications.</p>
<p>Type of tests and timeline</p>	<p>The selection tests are:</p> <ol style="list-style-type: none"> 1. written test 2. oral test 3. 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 in September 2024 according to the calendar that will be published on the website.</p> <p>You can request by e-mail to the President of the Competition Committee to carry out the tests remotely.</p>



EXPERIMENTAL AND TRANSLATIONAL MEDICINE

Coordinator's name and contact details	Prof. Mauro Fasano – mail mauro.fasano@uninsubria.it – tel +39 0331 339 450
Department head office	Dipartimento di Medicina e Innovazione Tecnologica
Reference office	segreteria.dimit@uninsubria.it
Main language used	English
Expected duration	3 years
Website	https://www.uninsubria.eu/course-catalogue/course-list/phd-doctoral-programs
Scientific area	ERC domain: Life Sciences (LS)
Scientific-disciplinary fields	LS1 to LS9 panels
Research topics	<p>The research topics initiated for this cycle are the following:</p> <ol style="list-style-type: none"> 1. "Role of the human RNASET2 gene in the pathogenesis of Aicardi-Goutière Syndrome, a rare inherited pediatric leukoencephalopathy". Supervisor: Prof. Francesco Acquati 2. "Cellular models to elucidate protein aggregation and vesicular trafficking in neurodegenerative diseases". Supervisor: Prof. Tiziana Alberio 3. "Immunological and Molecular characterization of Oral Potentially Malignant Disorders and Oral Squamous Cell Carcinoma". Supervisor: Prof. Lorenzo Azzi 4. "3D Cellular Models for Studying Torquetenovirus Persistence in Complex Immunological Microenvironments". Supervisor: Prof. Andreina Baj 5. "Targeting SLC6A1-Related Neurodevelopmental Disorder: variants functional analysis and therapeutic drug screening". Prof. Elena Bossi 6. "Dissecting the significance of ZBTB18-TIP60 complex interaction in the GBM mesenchymal /quiescence state". Supervisor: Dr. Maria Stella Carro 7. "AI-driven precision surgery: deep learning for real-time neoplastic tissue identification during ovarian cancer debulking surgery". Supervisor: Prof. Jvan Casarin 8. "Evaluation of the arrhythmogenic substrates and mechanisms associated with atrial and ventricular fibrosis". Supervisor: Prof. Roberto De Ponti 9. "Enhancing Tumor Immunity via CD4⁺ T Helper Cell-Optimized Vaccination Strategies". Supervisor: Prof. Greta Forlani 10. "Epigenetic and transcriptomic profiling of LINE-1 retrotransposons in pre-malignant inflammatory conditions associated to cancer". Supervisor: Prof. Daniela Furlan 11. "Gastrointestinal dysfunction in a mouse model of multiple sclerosis: focus on the enteric glutamatergic transmission". Supervisor: Prof. Cristina Giaroni

	<p>12. "Multicenter study on the clinical, therapeutic, and prognostic impact of Pseudomonas aeruginosa infections in solid organ transplant recipients (Pseudo-SOT study)". Supervisor: Prof. Paolo Grossi</p> <p>13. "Molecular profiling and tumor microenvironment evaluation in nasal cavity squamous cell carcinomas". Supervisor: Prof. Stefano La Rosa</p> <p>14. "The role of histone modifications in defining the transcriptional landscape of major cardiac cell types during aging". Supervisor: Prof. Roberto Papait</p> <p>15. "Excitation/Inhibition Imbalance in Parkinson's Disease: Mechanisms, Markers, and Therapeutic Targets". Supervisor: Prof. Cristina Roseti</p> <p>16. "A 3D Bioprinted Spinal Unit Model for Disc Degeneration and Drug Testing". Supervisor: Dott.ssa Alessandra Colombini</p> <p>17. "Bioinformatics and Artificial Intelligence for Therapeutic Target Discovery". Supervisor: Prof. Mauro Fasano. Scholarship funded by the Research Project "Piattaforma Tecnologica Italo Ticinese per la Ricerca e Sviluppo di Anticorpi" – Acronym: R&D AbITi – Project ID: 0200168 – CUP: J43C24001040008, project funded under the Interreg VI-A Italy-Switzerland Cooperation Program 2021-2027 – Scientific Coordinator: Prof. Mauro Fasano</p> <p>  Cofinanziato dall'Unione Europea  <small>Italia – Svizzera Italie – Suisse Italien – Schweiz</small></p> <p>R&D AbITi</p> <p>18. "Integrated Computational Analysis for Antibody Identification and Characterization". Supervisor: Prof. Mauro Fasano. Scholarship funded by the Research Project "Piattaforma Tecnologica Italo Ticinese per la Ricerca e Sviluppo di Anticorpi" – Acronym: R&D AbITi – Project ID: 0200168 – CUP: J43C24001040008, project funded under the Interreg VI-A Italy-Switzerland Cooperation Program 2021-2027 – Scientific Coordinator: Prof. Mauro Fasano</p> <p>  Cofinanziato dall'Unione Europea  <small>Italia – Svizzera Italie – Suisse Italien – Schweiz</small></p> <p>R&D AbITi</p>
Details of positions with a university scholarship and/or external funding	<p>n. 7 university scholarships</p> <p>n. 2 funded scholarships as follow:</p> <ul style="list-style-type: none"> - n. 1. Funded grant 1- R&D AbITi - Piattaforma Tecnologica Italo Ticinese per la Ricerca e Sviluppo di Anticorpi" - Project ID: 0200168 – CUP: J43C24001040008 - Tematica: "Bioinformatics and Artificial Intelligence for Therapeutic Target Discovery"



	- n. 1. Funded grant 2- R&D AbITi - Piattaforma Tecnologica Italo Ticinese per la Ricerca e Sviluppo di Anticorpi” - Project ID: 0200168 – CUP: J43C24001040008 - Tematica: "Integrated Computational Analysis for Antibody Identification and Characterization"
Positions without scholarship	n. 3 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>The qualification must be obtained by the application deadline.</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 qualification must have been obtained in the following classes :</p> <p>LM-6 Biologia LM-7 Biotecnologie agrarie LM-8 Biotecnologie industriali LM-9 Biotecnologie mediche, veterinarie e farmaceutiche LM-13 Farmacia e farmacia industriale LM-17 Fisica LM-41 Medicina e chirurgia LM-46 Odontoiatria e protesi dentaria LM-54 Scienze chimiche</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 as detailed below.</p> <p>Colloquium: 60 points max.</p> <p>The following will be evaluated: scientific activity during and after the master's thesis (20 points), the vision for the development of the chosen research topic among those indicated (20 points), motivation (10 points), and knowledge of the English language (10 points).</p>	
Details of qualifications - 60 points max. total	
Maximum score: 35 points	<p>Master's degree grade.</p> <p>In the event that the degree has not been obtained yet, the following will be assessed:</p> <p>the grades of the individual exams of the Master's degree, and Bachelor's degree final mark</p>
Maximum score: 10 points	Relevance of the master's thesis to the PhD program topics
Maximum score: 4 points	Scientific publications related to the subjects of the PhD (max. 5)
Maximum score: 3 points	Participation in conferences with oral or poster contributions
Maximum score: 3 points	Diplomas, professional masters, and other educational activities
Maximum score: 4 points	Other scientific activities, including participation in national and international schools, internships abroad, scholarships, and awards

Maximum score: 1 point	Reference letters
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).</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>2. 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>3. Final dissertation (Master's degree) or detailed summary of the thesis (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</p> <p>Up to a maximum of ____</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</p>



	<p>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 (at least 3 days before the deadline) 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 qualifications 2. Oral exam <p>Candidates will be assessed based on their scientific interests, technical-scientific skills, 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 Program Committee.</p> <p>The evaluation will consider: the strength of the candidate's scientific background, particularly in relation to the topics of the chosen research project; the ability to discuss significant scientific advancements relevant to this PhD program; methodological, research, clinical and/or laboratory skills; and proficiency in the English language.</p> <p>The admission interview may be conducted in English upon the candidate's request.</p> <p>The exam will be held in person, unless the candidate submits a justified written request, which must be approved by the Examination Committee.</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/evaluation of qualifications is published on the website at least 5 days before the date</p>
Test schedule	<p>Specify date and location</p> <p>It is possible to request the President of the admission committee to carry out the tests remotely</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 – mail elisa.mastrogiacomo@uninsubria.it – Tel. +39 3491670349
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, 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	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. 5 university scholarships
Positions without scholarship	n. 1 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	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




	<p>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>2. 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>3. Final dissertation (Master’s degree) or detailed summary of the thesis (in .pdf format)</p> <p>4. Research project template relevant to the above subject, (in .pdf format)</p> <p>5. List of publications, if any, including conference presentations template obligatorily indicating the DOI if open source, or attaching full article</p> <p>Up to a maximum of 10</p> <p>6. Additional qualifications template: specialisation courses, PhD programmes, Master’s courses, awards</p> <p>7. 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>8. 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</p>
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	<p>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 (at least 3 days before the deadline) otherwise it will be impossible to have the letters of the referents entered.</p> <p>9. 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 qualifications 2. 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 both the Coordinator and the Examination Committee.</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	
Coordinator's name and contact details	Prof. Alessandro Maria Michetti – mail alessandro.michetti@uninsubria.it – tel +39 0312386650
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	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	n. 7 University grants n. 4 Funded grants 4 on research projects as described below: – N. 2 grants of the 41st cycle of the Environmental CV funded by the Project "AWARE - Assessing plastic as a neW component of Aquatic

	<p>ecosystems in the anthRopocenE” (FIS 2022–2023 Program, project code J53C25000600001). The fellowships will have a duration of 36 months, from November 1, 2025, to October 31, 2028. The annual amount of the PhD scholarship is €18,383.00. The PhD scholarship is subject to the payment of social security contributions to the separate INPS (National Social Security Institute) scheme, in accordance with the applicable regulations in force. The project activities will include chemical and biological analyses to study the impacts of plastic pollution in freshwater environments, through microcosm and mesocosm experiments.</p> <p>– N. 2 grants of the 41st cycle of the Chemistry CV funded the Research Project “Piattaforma Tecnologica Italo Ticinese per la Ricerca e Sviluppo di Anticorpi” – Acronym: R&D AbITi – Project ID: 0200168 – CUP: J43C24001040008, project funded under the Interreg VI-A Italy-Switzerland Cooperation Program 2021-2027 – Scientific Coordinator: Prof. Mauro Fasano</p> <p>  Cofinanziato dall'Unione Europea  Italia - Svizzera Italie - Suisse Italien - Schweiz</p> <p>R&D AbITi</p>
Positions without scholarship	n. 3 positions without scholarship
Curricula	<p>1. Chemical Sciences, 6 grants</p> <p>2. Environmental Sciences, 5 grants</p>
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>The qualification must be obtained by the application deadline.</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	
<p><u>Total score: 120 total points (qualifications + tests)</u></p> <p><u>Qualifications: 60 max points as detailed</u></p> <p>Qualifications that can be assessed:</p> <ul style="list-style-type: none"> - 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; - curriculum vitae, to be submitted as specified in the "Documentation" section - relevance of the thesis to the themes of the Doctorate; 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 <p><u>Only candidates who obtain at least 25 points in the evaluation of qualifications will be admitted to the oral exam</u></p>	

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: 8	Scientific publications related to the subjects of the PhD (establish max. no. of publications to be attached; e.g. max. 10)
Maximum score: 14	Teaching activities - tutoring, teaching support, seminars
Maximum score: 14	Additional training and awards - participation in schools, internships abroad, scholarships, prizes

Documentation

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

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 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:

2. 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, an indication of the university 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:

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)

B2. Bachelor's degree with date, final grade and list of exams with grades

	<p>3. Final dissertation (Master's degree) or detailed summary of the thesis (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. 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 qualifications 2. 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://dottorato.disca.un-insubria.it/</p>
Admission to the first test/assessment of qualifications	<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</p>
Test schedule	<p>The tests will be held in person at Via Valleggio 11, Como, on July 24 and 25, 2025, for the Chemical Sciences CV; and on September 2 and 4, 2025, and for the Environmental Sciences CV; only for foreign candidates residing abroad (excluding Ticino), 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</p>



UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

Call for applications for admission to PhD courses -
XLI cycle academic year 2025/2026

	(dottorato.disat@uninsubria.it ; alessandro.michetti@uninsubria.it) to carry out the tests remotely
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LIFE SCIENCES AND BIOTECHNOLOGY	
Coordinator's name and contact details	Prof. Silvia Sacchi – e-mail silvia.sacchi@uninsubria.it – tel. +39 0332 421504
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-xli-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-12/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 PhD programme develops multidisciplinary research topics in the fields of health (from the molecular mechanisms of pathologies to medical technologies for the identification of therapeutic strategies) and the environment (with particular attention to sustainability and the circular bioeconomy).</p> <p>The areas of investigation concern: the study of the structure and function of proteins; microbiological applications in the pharmaceutical and industrial fields; the investigation of pathophysiological mechanisms of disease and their target for therapy, the development of innovative biotechnological processes and tools, through the use of enzymes, microorganisms, cells, invertebrates; the characterization of the response of animal and plant organisms to environmental factors to improve their productivity and resistance to stress; medical biotechnologies and their application in pre-clinical, translational and clinical research.</p>
Details of positions with a university scholarship and/or external funding	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>The qualification must be obtained by the application deadline.</p> <p>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 should have been obtained in the following fields/areas: Biotechnology, Medicine and Surgery, Dentistry, Veterinary Medicine, Communication Sciences and Techniques, Life sciences, Pharmacy,</p>

	Psychology, Chemistry and pharmaceutical technologies, Physical sciences, Environmental sciences, Engineering, Agricultural science and technology, Food preparation sciences, Sciences and animal husbandry technologies, Natural sciences, Sciences of technical health professions.
Qualifications to be assessed and documents to be attached, scoring and test procedure	
<u>Total score: 120 points total (qualifications + oral test)</u>	
<ul style="list-style-type: none"> • Qualifications score: Maximum 60 points Criterion: The candidates' qualifications will be evaluated based on their relevance to the Doctoral Program themes, as detailed below. Only candidates who score at least 40 points in the evaluation of qualifications will be admitted to the oral exam. • Oral Selection Test Score: Maximum 60 points The oral test must be partially conducted in English (up to 10 points will be awarded for knowledge of the English language). Candidates who are residing abroad or from other regions will be given the opportunity to take the test online, using only the Microsoft Teams platform. The request must be submitted to the Doctoral Program Support Office at the time of closing the application for the call. 	
Details of qualifications – Maximum total of 60 points	
Maximum score: maximum 30 points	Final grade of Master's degree. 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.
Maximum score: maximum 5 points	Scientific publications related to the subjects of the PhD (max. 5).
Maximum score: maximum 15 points	Master's thesis, evaluated based on its relevance to the PhD program's field of study.
Maximum score: maximum 10 points	Teaching activities - tutoring, teaching support, seminars. 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 <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).</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>Qualifications:</p>

	<p>2. 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>3. 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>3. Final dissertation (Master's degree) or detailed summary of the thesis (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</p> <p>Up to a maximum of 5 research papers</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 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 (at least 3 days before the deadline) 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 qualifications 2. oral test

	<p>Following the evaluation of qualifications, candidates who obtain a score of at least 36 points will be invited to take a single oral selection exam.</p> <p>ORAL TEST</p> <p>The dates of the interviews will be announced after the publication of the ranking based on the evaluation of qualifications.</p> <p>Admitted candidates will be interviewed in person.</p> <p>Upon a well-justified request to the President of the Evaluation Committee, candidates residing outside the local area or abroad may take the oral exam online, exclusively via the Microsoft Teams platform.</p> <p>The Evaluation Committee will send access links to those admitted candidates who have made such a request when submitting their application.</p> <p>During the oral exam, candidates will be required to:</p> <ol style="list-style-type: none"> 1. Discuss their scientific interests and motivations for undertaking the training program of this PhD course; 2. Present proposals for the development of one of the available research projects (outlining objectives, methodologies, timelines, and any potential challenges); 3. Demonstrate their scientific competence, methodological skills, and ability to discuss recent findings within the research areas of the PhD program; 4. Conduct at least part of the interview in English to assess their proficiency in the language. <p>Available research projects:</p> <ol style="list-style-type: none"> 1. Prof. Antonino Bruno "Phenotypic/Functional Plasticity of Innate Immune Cells (Neutrophils, Eosinophils, Natural Killer) in Atherosclerosis: Pathogenetic Effects, Identification of Circulating Biomarkers, and Potential Therapeutic and/or Preventive Targets". 2. Prof. Laura De Girolamo "Development and validation of a personalized predictive model for regenerative medicine in knee osteoarthritis: integrating clinical, radiological and molecular data for treatment decision-making". 3. Prof. Marzia Gariboldi "Targeting tumor hypoxia and stimulating immunogenic cell death through engineered oxygen-delivering nanoparticles in photodynamic cancer therapy". 4. Prof. Annalisa Grimaldi "The Medicinal Leech <i>Hirudo verbana</i> as an in Vivo Model for Studying the Effectiveness of 3D Patches in Wound Healing and Tissue Regeneration". 5. Prof. Evgenia Karousou "The role of exosomes in hyaluronan metabolism in the breast tumor microenvironment". 6. Prof. Loredano Pollegioni
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	<p>“Sustainable approaches for the synthesis of components in cultivated meat production”.</p> <p>7. Prof. Silvia Sacchi “Role and modulation of the serinosome in serine biosynthesis”.</p> <p>8. Prof. Gianluca Tettamanti “Effects of heavy metal exposure on <i>Hermetia illucens</i> larvae”.</p> <p>9. Prof. Candida Vannini “Investigating the Roles of Plant Peptides in Environmental Adaptation”.</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 oral selection exam, which will be considered passed with a minimum score of 40 points.</p> <p>The list of those admitted to the tests/evaluation of qualifications is published on the website at least 5 days before the date</p>
Test schedule	<p>The date and location of the exam will be published on the website well in advance.</p> <p>Upon justified request to the President of the Evaluation Committee (dottorato.dbsv@uninsubria.it), candidates residing outside the local area or abroad may take the oral exam online, exclusively via the Microsoft Teams platform. The Evaluation Committee will send the access links to the admitted candidates who requested this option at the time of submitting their application for the call.</p>