



**SELECTION CALL FOR DOCTORAL PROGRAMS - XXXVII CYCLE,
UNIVERSITY OF INSUBRIA, ACADEMIC YEAR 2022/2023**

1 - Establishment

The XXXVIII cycle for doctoral programs, of a duration of three years, is hereby established at the University of Insubria. Access is regulated by a public selection call based on qualifications and exams.

Pursuant to the D.M. n. 226/2021, the PhD courses can be activated upon accreditation or verification of the maintenance of the accreditation requirements by the MUR. The winners will therefore be able to enroll only following the positive outcome of this verification.

For each Doctoral Program the attached table, which constitutes an integral part of this call, indicates: the available positions, the number of available scholarships, the qualifications requirements, the submission procedure and the schedule for the selection procedure.

The number of scholarships may be increased following from funding by public research institutions and highly qualified private production facilities, which may be made available after the publication of the call and by the date of completion of the selection procedure, without prejudice to the deadline provided for in article no. 3, paragraph 1, for the submission of applications. The increase in the number of scholarships will be notified to candidates through publication of a notice at <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca> and during the examination, before the conclusion of the procedure.

Only the scholarships whose funding has been guaranteed will be notified, according to the provisions of the previous paragraph.

Tests will follow the schedule indicated in the attachment to this call, which represents official notification to the interested parties. Candidates are expected to check for changes to the dates or times on the website <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca> - or directly with the Research and Internationalization Office. Publication substitutes to all effects any personal communication.

2 - ADMISSION REQUIREMENTS

Those who hold a Master's Degree or a 4-year Degree, following the system previous to the Ministerial Decree no. 509/1999, obtained in Italy, or equivalent academic title (Master's Degree) obtained abroad, may access the Doctoral Programs, without age or citizenship restrictions.

The abovementioned qualifications must be coherent with the chosen Doctoral Program.

Graduands may conditionally access the selection procedure, provided that they obtain the required admission qualification by 31 October 2022,





under penalty of exclusion in case of positive outcome of the selection procedure.

Graduand candidates, if Italian or EU citizens, are expected to communicate the date and degree mark by e-mail at scuola.dottorato@uninsubria.it attaching a self-certification by 4/11/2022.

The eligibility assessment of foreign qualifications falls on the Evaluating Committee of each Doctoral Program, in accordance with current regulations on the subject, both in Italy and in the country where the qualification itself was obtained, and with international treaties and agreements on the acknowledgment of qualifications in order to continue studying.

In such a case, participation in the selection will be with reservation and the candidate will have to submit, under penalty of exclusion, a self-certification pursuant to article no. 3 of the Decree of the President of the Republic no. 445/2000, before enrolling in the Doctoral Program.

Candidates with a foreign qualification which has already been declared equivalent to Italian qualifications that are eligible for admission in Doctoral Programs will have to attach the following documents:

- qualification and certificate from which the study plan may be inferred, which must be translated and certified by the Italian Representation (Embassy or Consulate) in the country where the qualification was obtained;
- Declaration of Equivalence by the Italian Representation (Embassy or Consulate) in the country where the qualification was obtained.

If the qualification was obtained at a European university, candidates may submit, as an alternative to the Declaration of Equivalence, the Diploma Supplement, certified by the competent authorities.

Those who could not obtain the required documents in time, may be admitted with reservation. They are expected to submit the academic degree qualification, translated and certified, and the Declaration of Equivalence by the enrollment date.

The University reserves itself the right to request the Declaration of Equivalence, should there arise doubts on the validity of the qualification.

All candidates are admitted to the selection procedure with reservation.

The Administration may in any moment order, with motivated provision, the exclusion of a candidate for lack of prescribed requirements.

3 - ADMISSION APPLICATIONS

The selection for admission to the XXXVIII cycle doctoral courses will be divided into two distinct sessions "Session I" and "Session II":

- Session I will expire on 2 August 2022 h. 12:00 (Italian time)



- Session II, dedicated to additional PhD scholarships activated on PNRR shares and research projects, will be published on 2 August 2022 and will expire on 21 August 2022 h. 12:00 (Italian time)

The University, on the basis of Ministerial decree no. 351 of 09 April 2022, with funding from the European Union and from the Next Generation EU initiative, announces in Session II doctoral scholarships relating to the action of Mission 4 component 1, Investment 3.4 of the PNRR. These grants will be awarded for projects with themes consistent with what is reported in the aforementioned decree and in particular "Awarding of new three-year doctorates in programs dedicated to digital and environmental transitions" (Investment 3.4).

The University, on the basis of Ministerial decree n.352 of 09 April 2022, with funding from the European Union and from the Next Generation EU initiative, announces in Session II doctoral scholarships relating respectively to the actions of Mission 4 component 2 and relating to Investment 3.3 of the PNRR relating to innovative doctorates that respond to the innovation needs of companies and promote the recruitment of researchers from companies. The relative grants will be co-financed by companies and will provide for a period of study and research in the company and will be awarded for projects with themes consistent with what is reported in ministerial decree 352 of 09 April 2022.

Those enrolled in positions in Session I can register for selections in Session II, the choice of only one position between the seats in Session I and II will be communicated to the address scuola.dottorato@uninsubria.it before enrollment.

Registration to the selection procedure

Candidates will have to submit their application to the selection procedure following the electronic procedure available on the website of the University of Insubria (www.uninsubria.it) from any PC, **no later than 2 August 2022, 12.00 PM (Italian time zone)**.

After the abovementioned deadline, the link will be disabled and it will not be possible to fill in the application and register to the selection procedure.

In order to access the electronic registration system (*test di ammissione* [admission test]) candidates will have to select from the website www.uninsubria.it, the "[Servizi Web - Segreterie Studenti](#)" [Web Services - Students Support Service] entry.

Those who already hold a user ID and password may access the web services by clicking on "*login*" and selecting "*test di ammissione*" [admission test] and following the instructions.



Those who do not have access credentials must register by selecting “*Registrazione*” [Register], proceed to “*login*”, select “*test di ammissione*” [admission test] and follow the instructions.

While filling in the application, candidates will have to:

- enter their personal data, their qualifications, as well as the data of a valid ID card; the same document will also have to be attached via upload and shown for identification on the test day;
- select the course and foreign language, among those provided for in the call for each Doctoral Program, whose knowledge will be tested during the interview;
- indicate whether they are interested in a university accommodation in Varese or Como;
- should Attachment 1 of the present call provide for letters of recommendations to be considered among the qualifications evaluated for admission to the chosen course, enter the name and email address of the identified contact person. The contact person will receive further information for the submission of letters of recommendations directly from the Research and Internationalization Office;
- attach, via upload, the qualifications provided for in the related form of each Doctoral Program (Attachment 1 of the present call) and the ID card whose data have already been entered.

The qualifications and documents must be attached as PDF files and must not exceed 5 MB each. The file name must include the candidate’s last name and the type of qualification (e.g. smith CV) max 25 characters.

Only the specific qualifications provided for in each Doctoral Program, as described in Attachment 1, will be considered by the Evaluating Committee.

Foreign and Italian candidates who hold an academic degree obtained abroad, besides the qualifications indicated at the end of the present call, will have to attach via upload:

1. The academic degree, translated and certified by the Italian Representation (Embassy or Consulate) in the country where the qualification was obtained;
2. The Declaration of Equivalence by the Italian Representation (Embassy or Consulate) in the country where the qualification was obtained.
3. A Diploma Supplement (as an alternative to the documents described in points 1 and 2 above, only for those who obtained the qualification at a European university).

Until the expiration date of the admission procedure provided for in the call, each candidate may:



- add, delete or modify the attached documents (qualifications and ID card) by clicking on “inserisci/modifica titoli valutabili” [enter/modify qualifications];
- add, delete or modify the name or email address of the identified contact person, should letters of recommendation be considered among the qualifications evaluated for admission to the chosen selection procedure (see Attachment 1), as well as solicit the added contact person to submit the letter.

The letters will be accepted in the online procedure until the expiration date of the admission procedure provided for in the call. All changes will be definitively saved by the system only by concluding the application.

Additions to the documents presented after the expiration date of the call will not be admitted.

Qualifications submitted following a different procedure from that indicated in the present call will not be considered by the Evaluating Committee.

Failure to submit the qualifications will not invalidate the admission application to the selection procedure, except for Doctoral Programs which require a qualifications minimum score in order to be admitted to the oral/written test.

Candidates must also attach a file with a list of the submitted qualifications.

Candidates do not have to be present during the qualifications evaluation.

Please remember that entering false or wrong data (which are not corrected by the indicated deadline), will result in the exclusion from the test and/or final ranking list.

Should you experience problems while registering to the admission procedure, please contact the Research and Internationalization Office (scuola.dottorato@uninsubria.it).

Failure to complete the application, following the abovementioned procedures, will entail inadmissibility to the selection procedure. The deadlines for the submission of admission applications to the selection procedure are peremptory.

Incomplete applications will be rejected. Applications received after the established deadlines will not be accepted.

By submitting the admission application for the test, candidates express their open acceptance of all regulations provided for in the present call.

Candidates are invited not to wait until the last days before the expiration date of the call in order to submit their admission application; the University is not liable for malfunctioning due to system overload.



When registering for the competition, you are asked whether or not you are interested in a university accommodation in Varese or Como.

Places are reserved, one for each PhD program activated in the academic year 2022/2023 to students enrolled in the first year of the course. The assignees of the accommodation places will be identified by the "Collegio Docenti" of each doctoral course on the basis of the addresses and guidelines issued by the doctoral school.

More information and costs at the link::

<https://www.uninsubria.eu/international-relations/servicesfacilities>

Ranking list

After the registration deadline and appropriate checks, the list of candidates who, having submitted an application to the selection procedure and the qualifications according to the indicated procedures and within the prescribed limits, are admitted to take the test will be published at <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>.

Candidates with disabilities

In order to arrange for all necessary aids, as well as determine additional time to carry out the test with regard to the specific handicaps (pursuant to article. no. 20 of the Law no. 104/92, integrated and modified by the Law no. 17/1999), candidates with disabilities must submit to the Research and Internationalization Office an adequate certification by the relevant Local Health Authority (ASL), by the deadline for the submission of applications.

Please note that the University offers a Service for Students with disabilities, Valleggio, in Como. Both offices meet with students only on appointment. Further information at

<https://www.uninsubria.it/servizi/servizi-studenti-con-disabilit%C3%A0-eo-dsa>.

4 - TESTS

Admission to Doctoral Programs is based on qualifications and exams. The Doctoral Program Committee will establish the suitable qualifications and the evaluation criteria of the same. The admission test consists in an evaluation of the candidates' qualifications, and in a written and/or oral test, which aims at verifying the preparation, abilities and predispositions of the candidates for scientific research. Admission tests for Doctoral Programs may be carried out in English if the candidate expressly requested so in the admission application. The oral or written test also includes a test of the foreign languages indicated by the candidates, which must nonetheless include English.



Tests will follow the schedule which will be published on the University's website. Candidates are expected to check any changes in the dates, places or times on the website or directly with the Research and Internationalization Office. Publication substitutes to all effects any personal communication.

Candidates will have to show up for admission tests, under penalty of exclusion, with a valid ID card.

Online interview

Online interviews will take place by using the platform made available by the University (Microsoft Teams). To do so, candidates will have to provide an email account which the Evaluating Committee will use for the videocall.

Candidates will have to be available at their personal address, which they previously communicated, on the day indicated for the interview, following the schedule in the Doctoral Program presentation form. The Committee may agree upon a specific time for the interview. For the identification, candidates must identify themselves, under penalty of exclusion, by showing an ID card before the interview starts.

Candidates may be excluded from the selection procedure if they did not provide a personal email address (account), there is no internet connection, the connection test is not passed, they are not reachable on the indicated day or at the established time, or in case they do not display a valid ID card. The University of Insubria is not liable should technical issues impede to regularly carry out the interview.

Further information is available on the University's website at: <https://www.uninsubria.it/servizi/didattica-distanza>.

5 - EVALUATING COMMITTEE

The Committee in charge of the comparative evaluation of the candidates will be appointed with Rectoral Decree and is composed of at least three members among the University's tenured professors and researchers (two of which should be full- or assistant professors), to which may be added, on the proposal of each Doctoral Program Committee, no more than two external experts, even foreign ones, chosen from highly qualified public and private research institutions and structures.

The composition of the Committee must abide by the principles of equal opportunity and gender balance, by allocating to women at least one third of all available positions.

In case of doctoral programs established following international inter-university cooperation agreements, the Committee and admission



procedures are defined according to the provisions of the agreements themselves.

With regard to the verified qualities, the Committee assigns each candidate a maximum of 60 points for each test (qualifications evaluation and oral or written test). In case of different evaluation on the part of the Committee members, each of them assigns the candidate a maximum of $60/n$, where n stands for the number of Committee members. The oral or written test is public and is considered passed if candidates obtain a score not lower than 40/60. At the end of the selection procedure, the Committee establishes a general ranking list on the basis of the scores obtained by the candidates in the tests.

The test results will be disclosed through official publication on the University's website. Publication substitutes to all effects any personal communication.

The candidates who, according to the final ranking list, figure among those admitted to the course, forfeit their role if they do not notify in writing their acceptance by the deadline indicated in the ranking list. In such a case, the position will be offered to the first eligible candidate according to the ranking list.

If the Committee compiled a ranking list for each curriculum, candidates will be admitted to each curriculum for the number of positions available for their curriculum. If a smaller number of candidates is admitted to positions with scholarship of one curriculum, the remaining scholarships are appointed to the candidates who participated in the selection procedure for other curricula, according to their ranking lists.

6 - RANKING LISTS AND ENROLLMENT IN THE PROGRAMS

Candidates will be admitted to the programs according to the order of the ranking list for the number of positions available for each Doctoral Program or curriculum.

Candidates that have been effectively placed in the ranking list who do not enroll by the established deadline will be considered forfeiters. The competent offices will provide to update the ranking list, by officially notifying the interested parties.

The ranking lists will be published on the University's website (<https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>).

Publication substitutes to all effects any personal communication. Candidates are expected to check the ranking list, any change in the same and the peremptory limits for enrollment, in the notices published on the website.



Please refer to the enrollment procedure copied at the end of the ranking lists which will be published at: <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>

Candidates who have been placed in more than one merit ranking list must choose one Doctoral Program only.

Repechages

Any further subsequent scrolling in the ranking list will be communicated by direct notification to the candidates admitted to enrollment, by sending an email to the email address indicated when registering for the admission test.

Entitled candidates will be personally contacted via email, with a message sent to the email address indicated by each candidate when registering to the University's website. Only in this case will the enrollment admission notification be personal.

Entitled candidates who received the notification via email will have to apply for enrollment following the procedure described on the University's website, within the limits indicated in the text of the abovementioned notification.

In any case, the ranking lists and enrollment will close on 31 December 2022.

7 - INCOMPATIBILITY

Enrollment in the PhD program is incompatible with enrollment in other PhD courses in Italy and abroad.

Pursuant to Law 12 April 2022, n. 33, simultaneous enrollment in a bachelor's or master's degree course and in a Master's, PhD or Specialization course, with the exception of medical specialization courses, as well as simultaneous enrollment in a PhD course of research or Masters and a Medical Specialization course.

Attendance in conjunction with PhD course and medical specialization schools of the University of Insubria is subject to passing the admission competition for the PhD course and may be arranged during the last year of specialization school and is regulated by article 11, paragraph 1 of the University's Regulations for PhD courses.

Enrollment in PhD courses with a scholarship is incompatible with any other kind of granted scholarships, with the exception of those for training courses abroad, provided that the training program pursues scientific themes which are in line with the curriculum established by the Doctoral Program Committee, which must deliberate to this end.

It is also incompatible with full-time employment at another institution.



Those who already benefited from a scholarship for a PhD course in the past cannot benefit from another one.

8 - ATTENDANCE

The beginning of doctoral programs coincides with that of the academic year.

Admission to a Doctoral Program entails an exclusive and full-time commitment. PhD students are expected to attend the activities provided for their educational curriculum on a regular basis and to totally dedicate themselves to the programs and to carrying out the assigned research activities. The Doctoral Program Committee regulates the attendance procedures for Doctoral Programs.

PhD students, as an integral part of the educational project, may carry out, prior to the approval of the Doctoral Program Committee and without any increase in the scholarship, some tutoring activities for the students of the Bachelor's and Master's degrees, as well as additional teaching activities, up to a maximum of forty hours per academic year.

PhD students are expected to follow the "Code of ethics, code of conduct and principles of research integrity of the university of Insubria", issued with Rectoral Decree Office no. 656/2020 and effective as of 16 October 2020.

The PhD qualification is obtained at the end of the Doctoral cycle, when passing the final examination, which is subject to the submission of a written dissertation (PhD thesis) that provides an account of an original research project that was carried out with methodological soundness and from which emerged results of an adequate scientific relevance.

The issue of the PhD certificate is subject to the submission by the candidates of the final thesis in the University's open access institutional repository, which will ensure its preservation and public consultation, in its entirety or in a partial manner, and even in the bibliographic data alone.

A B2 English language certificate constitutes a necessary requirement to obtain the PhD qualification (starting from PhD students of the XXXII cycle).

These must be attested by an officially recognized certifying body, in accordance with the provisions of the Common European Framework of Reference for Languages - CEFR.

For further information, please go to:
<https://www.coe.int/en/web/common-european-framework-reference-languages/home>

9 - SCHOLARSHIPS



Each Doctoral Program is equipped with scholarships to attend the program, which are assigned to the candidates following the order of the ranking list and for the number of available scholarships.

The scholarships have an annual duration and are renewed on the condition that the PhD student completed the program of the previous year, as verified according to the procedures established in the Regulations, without prejudice to the obligation to correspond the scholarship after having passed the verification.

The amount of the scholarship is increased by 50% for a total period no longer than 18 months, if the PhD student is authorized by the Doctoral Program Committee to carry out research activities abroad, for a period of no less than thirty days.

The annual amount of the scholarship is of 16,243.00 €. The Doctoral Program Scholarship is subject to the payment of social security contributions through the "gestione separata INPS", in accordance with current regulations on the subject.

10 - ACCESS AND ATTENDANCE FEES

All PhD students (both with and without scholarship) are expected to pay an annual fee of 156.00 €, in accordance with the provisions of the "Regulations on student fees for the academic year 2022/2023" available at www.uninsubria.it.

With regard to any insurance charges in accordance with current regulations on the matter, please refer to the enrollment forms.

11 - PROCESSING OF PERSONAL DATA

Pursuant to the legislative decree no. 196 of 30 June 2003 and following amendments and additions ("Personal data protection code") and to the General Data Protection Regulation - EU Regulation no. 2016/679, the notice on the treatment of personal data is published on the University's website at: <https://www.uninsubria.it/la-didattica/dottorati-di-ricerca>

12 - NOTICE ON THE APPLICATION OF THE REGULATIONS FOR THE PREVENTION OF CORRUPTION

The University, in implementing the regulations on the matter, has adopted its three-year Plan for the prevention of corruption and appointed a Committee for the Prevention of Corruption:

The three-year Plan is published on the institutional website at www.uninsubria.it/amministrazione-trasparente/disposizioni-general

Reports may be sent to: anticorruzione@uninsubria.it



13 - RECRUITMENT AND HRS4R

The recruitment of PhD students (or Early Stage Researchers, following the European definition) will conform to the European Charter for Researchers (ECR) and the Code of Conduct for the Recruitment of Researchers (CCRR), which provide the general framework for the guidelines and requisites for the roles, responsibilities and rights of these positions, guaranteeing that selections procedures are open, transparent and meritocratic.

The University of Insubria received the European Quality Award “HRS4R - Human Resources Strategy for Researchers” in February 2019: such certification recognizes organizations their efforts to implement the Charter and Code in their policies and practice, and identifies the universities and institutions which create and promote a stimulating and encouraging research environment.

14 - ADMINISTRATIVE PROCEEDINGS

Pursuant to Law no. 241 of 7 August 1990 and following amendments and additions, the person in charge for the administrative proceedings for the selection procedure is dott.ssa Isabella Bechini, Doctoral and post-graduate training office. For information write an e-mail to: scuola.dottorato@uninsubria.it

15 - REFERENCE REGULATIONS

For any other matter not specifically covered by the present call, the University of Insubria abides by current regulations on the matter and by the University’s Regulations on Doctoral Programs.

For information on selections procedures, please write to: scuola.dottorato@uninsubria.it

Varese, *date of digital sign*

The Rector
Professor Angelo Tagliabue
Digitally signed



**UNIVERSITY OF
INSUBRIA**

**Selection call for doctoral
programs - XXXVIII cycle,
University of Insubria,
academic year 2022/2023
Session I**

Head of the Administrative Procedure (Law 241/1990): Dr. Isabella Bechini - tel.
+39 0332 397010 - isabella.bechini@uninsubria.it



**Attachment 1 to the admission call for Doctoral Programs,
XXXVIII cycle - Session I**

LAW AND HUMAN SCIENCES	
Scientific field	10 - Antiquities, philology, literary studies, art history; 11a - History, philosophy, pedagogy and psychology; 12 - Law studies; 04 - Earth sciences; 13 - Economics and Statistics
Academic disciplines	IUS/01; IUS/02; IUS/09; IUS/10; IUS/11; IUS/13; IUS/14; IUS/15; IUS/16; IUS/17; IUS/18; IUS/20; IUS/21; GEO/03; L-ART/02; L-ART/06; L-LIN/01; L-LIN/12; L-FIL-LET/10; M-STO/01; M-STO/02; M-STO/05; M-FIL/02; M-FIL/04; SECS-P/02; SECS-P/08
Coordinator	Professor Barbara Pozzo - barbara.pozzo@uninsubria.it
Duration	3 years
Administrative headquarters department	Law, Economics and Cultural Studies
Scholarships	5
Positions without scholarships	1
Admission requirements	Anyone who holds one of the following Master's Degrees may access the Doctoral Program: LMG/01 Master's Degree in Law; LM-1 Cultural anthropology and ethnology; LM-2 Archeology; LM-3 Landscape architecture; LM-5 Library studies; LM-10 Conservation of environmental and architectural heritage; LM-11 Conservation and restoration of the cultural heritage; LM-14 Modern philology; LM-15 Ancient philology, literature and history; LM-19 Information and publishing systems; LM-37 Modern American and European languages and literature; LM-38 Modern languages for communication and international cooperation; LM-39 Linguistics; LM-43 Information technology methods for the humanities; LM-48 Regional, urban and



	<p>environmental planning; LM-49 Tourism development and management; LM-50 Development and management of education services; LM-51 Psychology; LM-52 International relations; LM-55 Cognitive sciences; LM-57 Adult and continuing education; LM-63 Public administration; LM-62 Political science; LM-65 Performing arts and multimedia productions; LM-78 Philosophy; LM-84 History; LM-85 Education; LM85 bis - Primary education, LM-87 Social services and policies; LM-88 Sociology and social research; LM-89 Art history; LM-91 Methods and techniques for the information society; LM-92 Communication; LM/SC Criminology for investigation and security; LMR/02 Conservation and restoration of cultural heritage; 1/S (second degrees in cultural anthropology and ethnology); 2/S (second degrees in archeology); 3/S (second degrees in landscape architecture); 5/S (second degrees in library studies); 10/S (second degrees in conservation of architectural heritage and environment); 11/S (second degrees in conservation of scientific and industrial heritage); 12/S (second degrees in conservation and restoration of cultural heritage); 13/S (second degrees in publishing, multimedia communication and journalism); 17/S (second degrees in philosophy and history of science); 18/S (second degrees in theoretical, moral political and aesthetic philosophy); 22/S (second degrees in law); 24/S (second degrees in computer science for humanities); 40/S (second degrees in Italian language and civilization); 43/S (second degrees in foreign languages for international communication); 44/S (second degrees in linguistics); 54/S (second degrees in regional, urban and environmental planning); 55/S (second degrees in tourism development and management); 57/S (second degrees in</p>
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	<p>planning and management of social services); 60/S (second degrees in international relations); 63/S (second degrees in cognitive sciences); 67/S (second degrees in social and institutional communication studies); 70/S (second degrees in political science); 71/S (second degrees in public sector administration); 72/S (second degrees in religion studies); 82/S (second degrees in environmental and land sciences and technology); 83/S (second degrees in economics for environment and culture); 88/S (second degrees in cooperation and development studies); 89/S (second degrees in sociology); 93/S (second degrees in ancient history); 94/S (second degrees in contemporary history); 95/S (second degrees in history of art); 96/S (second degrees in history of philosophy); 97/S (second degrees in medieval history); 98/S (second degrees in modern history); 99/S (second degrees in European studies); 100/S (second degrees in techniques and methods for the information society); 101/S (second degrees in communication theory); 102/S (second degrees in theory and techniques of legal texts); 104/S (second degrees in translation of literary and technical texts); equivalent titles to second degrees, pursuant to the Ministerial Decree no. 509/1999, or at least 4-year degree according to the previous law (among which, second degree in law, second degree in international relations, 4-year degree in law, 4-year degree in philosophy, and 4-year degree in literature, which are compared to LM-80 Geography; LM-1 Cultural anthropology and ethnology; LM-14 Modern philology; LM-2 Archeology; LM-5 Library studies; LM-15 Ancient philology, literature and history; LM-45 Musicology and musical heritage; LM-65 Performing arts and multimedia productions; LM-37 Modern American and European languages and</p>
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	literature, LM-19 Information and publishing systems, LM-62 Political science, LM-63 Public administration).
Test type	The selection procedure consists in an interview Only candidates who obtain at least 40 points will be admitted to the interview
Evaluation criteria	Up to a maximum of 60 points. Qualifications - exam marks and, if candidates have already discussed their thesis, final mark (up to a maximum of 30 points); - the research program proposal (up to a maximum of 20 points); - for publications (up to a maximum of 5 points); - advanced courses, research and teaching activities (up to a maximum of 5 points); Only the candidates who have obtained at least 40 points in the qualifications evaluation will be admitted to the oral test The interview will focus on a discussion of the qualifications, a presentation of a research project elaborated by the candidate, and the candidate's knowledge of the English language and other languages by them indicated The evaluation criteria of the research project: originality, congruence with the activities of the phd, feasibility, interdisciplinarity, internationality
Test schedule	Time and place for the test will be communicated with a notice on the website at: www.uninsubria.it/bandodottorati
Qualifications	CV with personal data, education (with courses length and marks), previous research experiences, theses and publications Self-certification, which must be dated and signed, of the academic degree (4-year, second degree or Master's degree), with a list of exams and relative marks, the University which issued the qualification, the attainment date and final mark



	For graduands: Self-certification, which must be dated and signed, of the exams and relative marks. Please indicate the expected date for the final exam
	Self-certification, which must be dated and signed, of the Bachelor's Degree qualification, with date, final mark and list of exams with relative marks
	Thesis Abstract (4-year, second degree or Master's degree)
	Research project elaborated by the candidate Failure to include the project proposal before the deadline will result in automatic exclusion from the public competition
	Publications (including conference presentations)
	Specialization courses, doctoral programs, training courses, master courses, awards, scholarships; research grants and scholarships, teaching activities already carried out (seminars, contracts, honorary fellowships), and collaborations for research activities
	Letters of recommendation (up to three) written by academic professors or researchers with whom the candidate worked (these will be directly submitted by the evaluators in the online procedure, the candidates will have to enter the name and email address of the identified contact person while registering online to the selection procedure)
	A numbered list of all submitted qualifications



PHYSICS AND ASTROPHYSICS	
Scientific Area:	Physics and Astrophysics
Curricula:	1. Astrophysics; 2. Physics Candidates are required to specify the Curriculum in the application form.
Reference person:	Prof. Giuliano Benenti - giuliano.benenti@uninsubria.it - tel +39 031 238 6271
Duration:	3 years
Department:	Science and High Technology
Number of Scholarships:	8
Positions without scholarship:	2
Assessment:	<p>The assessment of each candidate will be based on an interview, the evaluation of the CV and the recommendation letters</p> <p>Assessable Qualifications</p> <ul style="list-style-type: none">- Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark. Self certification or certification of the transcript of records the Master's Degree with date, type of title and final mark. For Students awaiting receipt of Master's Degree: self certification or certification of the transcript of records of the Master's curriculum with dates and marks (max 36 points).- Scientific publications related to the Doctorate (max 4 points).- Teaching activity - tutorship, teaching assistance, seminars- (max 4 points).- Additional training and awards - attended schools, internships abroad,



	<p>scholarships, awards - (up to a maximum of 4 points). - Relevance of the scientific profile to the themes of the Doctorate, as inferred by the curriculum vitae and the recommendation letters - no more than 3- The letters will be placed directly by the evaluators in the on-line procedure. Applicants will have to enter in the online registration form the name and e-mail address of the referent identified (up to a maximum of 12 points). Candidates must submit and self-certify a list of all the qualifications. Only candidates who obtain at least 40 points will be admitted to the interview</p>
Interview:	<p>The interview will actually consists of two parts, independently evaluated. The candidate will initially present and discuss his previous research activities. In the second part, his/her background knowledge will be assessed. Interviews can be hold in English</p>
Calendar:	<p><u>5-9 September, 2022</u> (The schedule will be announced with a subsequent notice on the University website: www.uninsubria.it/bandodottorati) The list of those admitted to the oral test will be published after September 1, 2022</p>
Assessable Qualifications:	<p>Curriculum vitae, including education, research and working experiences, thesis and publications.</p> <p>Self certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title and final evaluation and mark, if applicable</p> <p>Self certification indicating the chosen curriculum</p> <p>For Students awaiting receipt of Master's Degree: Self certification or certification of the transcript of records of the</p>



	Master's curriculum with dates and marks
	Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark
	Abstract of the Master Thesis
	Publications
	Any other useful qualification such: specialization and postgraduate courses, awards, grants, didactical activities, PhD titles, collaboration to research activities.
	Recommendation Letters (Max. 3) by University staff and/or employers. The letter will be placed directly by the evaluators in the on-line procedure. Applicants will have to enter in the online registration form the name and e-mail address of the referent identified. The writers of the letters should provide information on their role in their institution, their connection with the applicant, an evaluation of the applicant's past performance in comparison to students (with approximately the same amount of training and experience as the applicant) known during their professional career. The letters should highlight the major strengths and weaknesses of the applicant, with particular regard to his/her ability to pursue and successfully complete the PhD program. The letters will be accepted in the online procedure until 26 August 2022 at 12 pm.
	Language Certifications



COMPUTER SCIENCE AND MATHEMATICS OF COMPUTATION	
Scientific field	01 - Mathematics and informatics; 09 - Industrial and information engineering; 13 - Economics and statistics
Academic disciplines	INF/01; ING-INF/05; MAT/01; MAT/03, MAT/05; MAT/07; MAT/08; SECS-S/01.
Coordinator	Professor Barbara Carminati - barbara.carminati@uninsubria.it
Duration	3 years
Administrative headquarters department	Theoretical and Applied Sciences
Scholarships	7
Positions without scholarships	2
Evaluation criteria	<p>Up to a maximum of 60 points.</p> <p>Qualifications</p> <ul style="list-style-type: none">- exam marks and, if candidates have already discussed their thesis, final mark (up to a maximum of 20 points);- 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 (up to a maximum of 15 points; 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);- conference presentations and publications pertinent to the themes of the Doctoral Program (up to a maximum of 5 points);- training activities and professional experience pertinent to the themes of the Doctoral Program (up to a maximum of 5 points);- other qualifications, including language certifications and no more than 2 letters of recommendation (up to a maximum of 15 points). <p>Only the candidates who have obtained at least 40 points in the qualifications evaluation will be admitted to the oral</p>



	test.
Test type	<p>The candidates who have obtained at least 40 points in the qualifications 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.</p> <p>The admission test may be taken in English upon the candidate's request.</p>
Test schedule	<p>The date of the interview will be communicated with a notice on the website at: at www.uninsubria.it/bandodottorati</p>
Qualifications	<p>CV with personal data, education (with courses length and marks), previous research experiences, theses and publications</p> <p>Candidates are required to present their Curriculum Vitae in .pdf format by using the appropriate template to be downloaded from this link: https://www.uninsubria.it/files/cvtemplate2021docx</p> <p>Self-certification, which must be dated and signed, of the academic degree (4-year, second degree or Master's degree), with the list of exams and relative marks, the University which issued the qualification, the attainment date and final mark</p> <p>Self-certification, which must be dated and signed, of the Bachelor's Degree qualification, with date, final mark and list of exams with relative marks</p> <p>For graduands: Self-certification, which must be dated and signed, of the exams and relative marks. Please indicate the expected date for the final exam</p> <p>Thesis or detailed abstract of the same (in electronic format) (4-year degree, second degree or Master's degree)</p> <p>Research project pertinent to the themes of</p>



	the Doctoral Program
	Publications (including conference presentations)
	Specialization courses, doctoral programs, training courses, master courses, awards, scholarships; research grants and scholarships, teaching activities already carried out (seminars, contracts, honorary fellowships), and collaborations for research activities
	Letters of recommendation (up to three) written by academic professors or researchers with whom the candidate worked (these will be directly submitted by the evaluators in the online procedure, the candidates will have to enter the name and email address of the identified contact person while registering online to the selection procedure)
	Other qualifications which candidates deem useful for the evaluation



CLINICAL AND EXPERIMENTAL MEDICINE AND MEDICAL HUMANITIES	
Scientific field	05 - Biology; 06 Medicine; 14 - Political and social sciences
Academic disciplines	BIO/09; BIO/11; BIO/13; BIO/14; M-FIL/02; M-FIL/03; MED/02; MED/04; MED/09; MED/10; MED/11; MED/15; MED/17; MED/25; MED/26; MED/39; MED/41; MED/43; MED/44; SPS/01.
Coordinator	Professor Marco Cosentino - marco.cosentino@uninsubria.it
Duration	3 years
Administrative headquarters department	Medicine and Surgery
Scholarships	7
Positions without scholarships	2
Admission requirements	<p>All candidates who hold a Master's Degree, specifically in one of the following fields, may access the Doctoral Program: medicine and surgery, dentistry and orthodontics, veterinary medicine, literature and philosophy, communication, biology, biotechnology, pharmacy, psychology, chemistry and pharmaceutical biotechnologies, and law and economics.</p> <p>An adequate cultural education and suitable personal journey to undertake the Doctoral Program will be specifically assessed and evaluated during the admission test.</p>
Test type	<p>The selection procedure will be organized in a single test that consists in an interview in which candidates will be asked to defend a theoretical research program, which they attached to the admission application, with regard to:</p> <ul style="list-style-type: none">• the relevance of the same to the themes of the program• its feasibility in three years• the originality of the proposal• the clarity of the exposition. <p>The research program proposal will have to</p>



	<p>be written according to the following scheme:</p> <ul style="list-style-type: none"> - title (up to 150 characters with spaces) - rationale (1000-1500 characters) - aims (250-500 characters) - methodology (500-1000 characters) - Gantt chart (if applicable) - expected results (1000-1500 characters) - necessary resources (250-1000 characters) - relevance of the results and dissemination (500-1000 characters) - references <p>Failure to include the project proposal organized according to the above indicated scheme before the deadline will result in automatic exclusion from the public competition.</p> <p>Part of the interview will be devoted to assessing the candidate's knowledge of a foreign language.</p>
Evaluation criteria	<p><u>Qualifications evaluation criteria</u></p> <ul style="list-style-type: none"> - 10 points for the degree final mark; - 10 points for other academic qualifications; - 15 points for the relevance of the thesis; - 15 points for publications which are pertinent to the themes of the program; - 10 points for other qualifications which are pertinent to the themes of the program. <p>Only candidates who obtain at least 15 points will be admitted to the interview</p> <p>The qualifications must be supplied with (under penalty of exclusion) a list of the qualifications.</p> <p><u>Interview evaluation criteria</u></p> <ul style="list-style-type: none"> - 30 points for the research program proposal; - 30 points for the interview, including the candidate's knowledge of a foreign language.
Test schedule	<p>The date and time for the test will be communicated with a notice on the website at: www.uninsubria.it/bandodottorati</p>
Qualifications	<p>Self-certification, which must be dated and</p>



	signed, of the academic degree (4-year, second degree or Master's degree), the University which issued the qualification, the attainment date and final mark
	Self-certification, which must be dated and signed, of any other academic qualifications with date and final mark
	For graduands: Self-certification, which must be dated and signed, with the expected date of the final exam
	Thesis (in electronic format) (4-year degree, second degree or Master's degree). Please attach the full version, without this the thesis will not be evaluated.
	Any publications (including conference presentations). Please attach the full version, without this the publication will not be evaluated.
	Specialization courses, doctoral programs, training courses, master courses, awards, scholarships; research grants and scholarships, teaching activities already carried out (seminars, contracts, honorary fellowships), and collaborations for research activities;
	Research program proposal following the abovementioned scheme. Failure to include the project proposal organized according to the above indicated scheme before the deadline will result in automatic exclusion from the public competition
	A numbered list of all submitted qualifications
Important: only the qualifications listed in the list will be evaluated.	



EXPERIMENTAL AND TRANSLATIONAL MEDICINE	
Scientific field:	Medicine; Biology; Biomedicine
Referent:	Prof.ssa Daniela Negrini, daniela.negrini@uninsubria.it
Duration:	3 years
Department:	Medicine and Surgery
Scholarships:	7
Places without scholarship:	2
Requirements:	Master's Degree in Medicine and Surgery; Biology; Biotechnologies; Pharmacy; Chemistry and Pharmaceutical Technologies, Chemical Sciences
Assessment: Interview:	Candidates will be interviewed in relation to their scientific interests and their motivation to enroll in this PhD program. Candidates will be asked to express their preference with priority order on two research projects chosen among those proposed by the Doctorate Committee. The cultural background will be assessed with particular reference to issues related to the research project to which the Candidate is interested, the ability to discuss the most relevant discoveries in the related scientific field, methodological and research skills in both the laboratory and clinical settings, personal motivation to research in Translational Medicine, proficiency in scientific English. Foreign candidates will be interviewed in English. The interviews will take place in person , unless specifically evaluated by the examining Commission.
Commitment of	Full time research activity



PhD students	
<p>Research projects (candidates must contact Principal Investigators for details of the scientific project in which they are interested):</p>	<ol style="list-style-type: none">1. Cardiovascular diseases: Right and left ventricular imaging and inflammatory biomarkers in cardiovascular and non-cardiovascular diseases. PI: Roberto DE PONTI, roberto.deponti@uninsubria.it2. Genetics: Study the role of histone modifications in the metabolic remodelling of heart during aging. PI: Roberto PAPAIT, roberto.papait@uninsubria.it3. Infectious diseases: Programma combinato di antimicrobial stewardship sull'utilizzo dei carbapenemi. PI: Paolo GROSSI, paolo.grossi@uninsubria.it4. Microbiology: Role of bacteriophage and commensal bacteria cross-talk in a murine model of Inflammatory Bowel Disease. PI: Andreina BAJ, andreina.baj@uninsubria.it5. Neuroscience: Characterization of the role of CDKL5 in the formation of inhibitory synapses. PI: Charlotte KILSTRUP-NIELSEN, c.kilstrup-nielsen@uninsubria.it6. Neuroscience: The role of Rab proteins in the pathogenesis of Parkinson's disease. PI: Tiziana ALBERIO, tiziana.alberio@uninsubria.it7. Oncology: Prostate cancer: disentangling the relationships within the tumor microenvironment to better model and target tumor progression. PI: Ian Marc BONAPACE, ian.bonapace@uninsubria.it8. Oncology: Finding drivers of methylation in endometrial cancers. PI: Daniela FURLAN, daniela.furlan@uninsubria.it9. Oncology: Characterization of genetic and epigenetic profile of well differentiated neuroendocrine tumors with



	<p>high proliferation (G3-NET). PI: Stefano LA ROSA, stefano.larosa@uninsubria.it</p> <p><u>10. Oncology:</u> Predictors of malignancy in patients undergoing surgery for presumed fibroids: identification of risk factors and prospective validation. PI: Fabio GHEZZI, fabio.ghezzi@uninsubria.it</p> <p>11. Physiology/Neuroscience: Membrane Transporters in health and disease. Role of substrate, inhibitors and modulation. PI: Elena BOSSI, elena.bossi@uninsubria.it.</p> <p>12. Respiratory Diseases: Severe asthma and biological treatment: effect on inflammation and cardiovascular diseases. PI: Dina VISCA, dina.visca@uninsubria.it</p> <p>13. Translational Medicine: Drugs and molecules to antagonize podotoxin inducing diabetic kidney disease: functional biomarkers and experimental color doppler ultrasound analysis in a murine model. PI: Prof. Massimo VENTURINI, massimo.venturini@uninsubria.it</p>
Calendar:	September 22-23rd 2022, 10:00 a.m. (CET)
Assessable Qualifications:	Curriculum vitae presented using exclusively the proposed format (see attached template)
	Self-certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title and final mark.
	Self-certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark.
	For Students still awaiting the attainment of the MD degree or Master Diploma: auto certification or certification of the transcript of records of the University



	course/Master's curriculum with dates and marks
	Electronic version of the thesis for the MD degree or Master diploma
	Publications
	Other useful qualification such: specialization and postgraduate courses, awards, grants, didactic activities, collaboration to research activities.
	Recommendation Letters (Max. 3), by University teachers or researchers. The letter will be placed directly by the evaluators in the on-line procedure. Applicants will have to enter in the online registration form the name and e-mail address of the referent identified



METHODS AND MODELS FOR ECONOMIC DECISIONS	
Scientific field	13 - Economics and statistics
Academic disciplines	SECS-P01, SECS-P02, SECS-P03, SECS-P04, SECS-P05, SECS-P06, SECS-P07, SECS-P08, SECS-P12; SECS-S03, SECS-S06.
Coordinator	Prof. Andrea Vezzulli andrea.vezzulli@uninsubria.it
Duration	3 years
Administrative headquarters department	Economics
Scholarships	6
Positions without scholarships	0
Evaluation criteria and qualifications	<p>Assessable qualifications; up to 60 points:</p> <ul style="list-style-type: none">- graduation final mark (up to 15 points; for graduands the final mark will be estimated with the arithmetic average mark of the exams);- scientific significance, degree of originality and relevance of the research project and thesis (up to 15 points; the applicant must submit a detailed abstract of the thesis or its full version);- publications and conference presentations on topics relevant for the PhD program (up to 5 points);- training activities and professional experience relevant for the PhD (up to 5 points);- any other assessable qualification, including language certifications, and up to 3 recommendation letters (up to 20 points). <p>Only applicants who obtain a minimum of 40 points in the qualification assessment are admitted to the interview.</p>
Test type:	<u>Only applicants who have obtained at least 40 points in the qualification assessment are admitted to the interview.</u> Applicants are interviewed on their scientific interests and their motivations for applying to this specific



	<p>PhD program.</p> <p>The interview can be evaluated <u>up to a maximum of 60 points</u>, and is considered as passed only if the applicant obtains at least 40 points.</p> <p>The interview, which is public, tests the basic knowledge of economics and quantitative topics, as well as the knowledge of English, and could involve a discussion of possible research lines related to the PhD. Applicants can have the interview in English or Italian.</p>
Test schedule	<p>Time and place for the test will be communicated with a notice on the website at: www.uninsubria.it/bandodottorati.</p>
Assessable qualifications	<p>CV with personal data, education (with courses length and marks), previous research experiences, theses, and publications.</p> <p>Candidates are required to present their Curriculum Vitae in .pdf format by using the appropriate template to be downloaded from this link: https://www.uninsubria.it/files/cvtemplate2021docx</p> <p>Certificate or self-certification, which must be dated and signed, of the academic degree (4-year, second degree or Master's degree), with the list of exams and relative marks, the University which issued the qualification, the attainment date and final mark</p> <p>For graduands: Certificate or self-certification, which must be dated and signed, of the exams and relative marks. Please indicate the expected date for the final exam</p> <p>Thesis or detailed abstract of the same (in electronic format) (4-year degree, second degree or Master's degree)</p> <p>Certificate or self-certification, which must be dated and signed, of the Bachelor's Degree qualification, with date, final mark and list of</p>



	exams with relative marks
	Research project pertinent to the themes of the Doctoral Program
	Publications (including conference presentations)
	Specialization courses, doctoral programs, training courses, master courses, awards, scholarships; research grants and scholarships, teaching activities already carried out (seminars, contracts, honorary fellowships), and collaborations for research activities
	Letters of recommendation (up to three) written by academic professors or researchers The letters of recommendation will be directly sent by the contact person via the online procedure: candidates will have to enter the name and email address of the identified contact person while registering online to the selection procedure
	Other qualifications which candidates deem useful for the evaluation



CHEMICAL AND ENVIRONMENTAL SCIENCES	
Scientific field:	Chemistry; Earth Sciences; Biology; Medicine; Environmental Engineering; Industrial Engineering
Curricula:	1. Chemical Sciences 2. Environmental Sciences Further information can be found at: https://dottorato.disca.uninsubria.it/
Referent:	insubria.it
Duration:	3 years
Department:	Science and High Technology
Scholarships:	7 (Total) 3 for the Chemical Sciences curriculum, 4 for the Environmental Sciences
Places without scholarship:	2 (Total) 1 for the Chemical Sciences curriculum
Requirements:	Any Master's Degree (second or single
Assessment criteria and assessable qualifications:	Up to a maximum of 60 points for the qualification assessment. Assessable qualifications: - graduation grade and full list of exams, including the marks obtained in the different examinations/activities; the average grade obtained during the degree will be considered; - relevance of the degree to the subjects of the PhD program; submission of the dissertation title and abstract is mandatory; - publications relevant to the subjects of the PhD program; - further qualifications: presentations to congresses, participations to schools, job activities relevant to the subjects of the PhD program, further degrees, awards. Applicants receiving at least 25 points for the qualification assessment will be admitted to the interview.



<p>Assessment: Interview</p>	<p>Candidates will be interviewed in person. The interview will consider their scientific interests, the motivations leading them to apply to this PhD program, the definition of an ideal research project, indicating goals, methodologies, procedures and scheduling. A sound cultural background will be assessed, with particular reference to the topics of the PhD program, the ability to discuss the most important discoveries of the last decades in the chemical and environmental fields, the methodological and research competencies (e.g. modelling, lab activities, field activities), the knowledge</p>
<p>Calendar:</p>	<p>The list of candidates admitted to the interview will be posted at the following address: www.uninsubria.it/bandodottorati</p> <p>The interviews will take place in Via Valleggio 11, Como, on a date between 5 and 6 September 2022, for both the Chemical Sciences and the Environmental Sciences Curricula. Upon motivated</p>
<p>Assessable Qualifications:</p>	<p>Complete Curriculum Vitae, including education data, previous research experiences, thesis and publications. NOTE: Candidates are required to submit their Curriculum Vitae in pdf format using the appropriate template that can be filled in and downloaded at the following link:</p> <p>Self-certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title and For Students awaiting receipt of Master's Degree: Self certification or certification of the transcript of records of the Master's Self-certification or certification of the transcript of records the Bachelor's Abstract of the Master Thesis Publications</p>



	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching
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LIFE SCIENCES AND BIOTECHNOLOGY	
Scientific Area:	Chemical Sciences; Biology; Medicine; Agricultural and Veterinary Sciences
Referent:	silvia.sacchi@uninsubria.it
Duration:	3 Years
Department:	Biotechnology and Life Sciences
Scholarships:	7
Places without scholarship:	2
Requirements:	All master degree graduates (graduate degrees, single-cycle graduate degrees or other qualification obtained abroad and recognized as equivalent) can access the PhD course, especially graduates in: Biotechnology, Medicine and Surgery, Dentistry, Veterinary Medicine, Communication Sciences and Techniques, Life sciences, Pharmacy, Psychology, Chemistry and pharmaceutical technologies, Physical sciences.
Assessment criteria:	60 points for the qualifications assessment divided as follows: up to 30 points for the graduation grade (or the average grade of all exams for undergraduates); up to 15 points for the relevance of the thesis to the research topics covered by the PhD course; up to 10 points for the curriculum and other assessable qualifications; up to 5 points for publications and presentations at conferences; Only candidates who obtain at least 36 points in the evaluation of qualifications will be admitted to the final interview. 60 points for the interview (included 10 points for language skills).



<p>Assessment: Interview</p>	<p>The interview will focus on the scientific interests and the motivation of candidates. They will be asked to present their proposal for the development of one of the available research projects. Candidates will illustrate purposes, methodologies, timing for implementation, and any critical issues. During the interview, the following aspects will be assessed: a sound scientific background related to the PhD course topics; methodological, research and lab skills; the knowledge of English language (and other linguistic skills). The candidate may perform the competition in English language.</p>
<p>Research projects</p>	<p>The projects available for XXXVIII are the following:</p> <ol style="list-style-type: none">1. Prof. Bernardini "Epigenetic mechanisms in aging";2. Prof. Castelnuovo "Technological innovations in endoscopic assisted transorbital surgery: preclinical studies in anatomical specimens";3. Prof. Grimaldi "The medicinal leech <i>Hirudo verbana</i> as a valuable model for studying tissue regeneration";4. Prof. Marinelli "Investigating the biosynthesis of specialized metabolites with antibiotic activity in filamentous actinomycetes";5. Prof. Montagnoli "Analysis of the plant roots' chemical and morphological characteristics in relation to different growth conditions";6. Prof. Sacchi - Dr. Campomenosi "PRODH and ROS effects in lung cancer tumorigenesis and progression";7. Prof. Vannini "Analysis of the plant roots' chemical and morphological characteristics in relation to different growth conditions";



	<p>8. Prof. Tozzi - Prof. Stefanini "Smart sensing network for applications in biomedical engineering";</p> <p>1. Prof. Vigetti - Prof. Raucci "Molecular Mechanisms of Vascular Senescence and Calcification"</p>
Calendar:	<p>public at the following address: www.uninsubria.it/bandodottorati</p>
Assessable Qualifications:	<p>Complete Curriculum Vitae, including education data, previous research experiences, thesis and publications. Candidates are kindly requested to fill the appropriate form that can be downloaded at the following link:</p>
	<p>Self-certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title,</p>
	<p>Self-certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final</p>
	<p>For Students awaiting the attainment of the Master's Degree: self-certification or certification of the transcript of records of the Master's curriculum with dates and</p>
	<p>Abstract of the Master Thesis</p>
	<p>Publications</p>
	<p>Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching activities, PhD</p>