



**Executive summary of the Call for the admission to PhD courses - XXXVI cycle -
at the Università degli Studi dell'Insubria, for the academic year 2020/2021**

Disclaimer: this document is a summary in English language of the original and legally binding document drawn in Italian language, it has no legal value and is intended to provide foreign candidates with the basic information and instructions

Item 1. Introduction

The University of Insubria opens the XXXVI cycle of PhD courses, lasting three years; the available positions, the number of scholarships, the required qualifications and the calendar of the admissions tests are indicated in annex 1.

Any increase in the number of scholarships and of the available positions and will be notified to the candidates by a notice on the website www.uninsubria.it/bandodottorati before the competition test starts.

Item 2. Admission requirements

Candidates holding a master's degree diploma or an Italian degree title attained according to the laws previous to the DM 509/1999 or equivalent academic qualification obtained in foreign universities can access the PhD courses listed in the annex 1, without limitations of age or citizenship. Such titles must be consistent with the PhD course.

Master's students are admitted under condition provided that they attain their Master Degree title before the deadline.

The Administration may declare, at any given time and with reasoned decision, the exclusion of a candidate for defect of the prescribed requirements.

Item 3. Application

The application for admission to PhD studies shall be submitted by **August, 7th 2020**, 12 pm (CET). Candidates must apply, exclusively on-line, connecting to the web site of the University of Insubria (www.uninsubria.it) from any personal computer.

After the mentioned deadline the on-line application procedure will be deactivated.

To access the on-line procedure candidates must follow the link "Servizi Web – Segreteria Studenti" (Web Services – Student affairs section) from the website www.uninsubria.it

If you already have a user ID and password you can access web services logging in and choosing "Test di ammissione" (admissions test) and follow the instructions.

Those who do not possess access credentials must register by selecting "Registrazione" (Registration), then go to "login", then select "test for admission" and follow the instructions.

Candidates, during the on-line registration, must:

- Enter their personal data, residence, domicile and telephone number, ID number, e-mail address, degree data, knowledge of languages other than Italian.
- Choose the PhD course and the foreign language among the eligible ones indicated in annex 1
- Indicate if they are interested in a university accommodation in Varese or Como;





- For the Ph.D Courses that will accept recommendation letters (see annex 1) to be evaluated in the admission process, enter the name and e-mail address of the referee/s that will be contacted by the Research and Internationalization Service for instructions;
- Upload a scan of the qualifications needed for each PhD course listed in annex 1,
- Upload a scan of personal ID

All the uploaded files must be in .pdf format not exceeding 5MB. Each uploaded file must be identified with the surname of the candidate and the document description (ex. Smith master degree).

The admission committees of each PhD course (annex 1) will take into consideration only the eligible documents

Furthermore, foreign applicants and Italian applicants with a foreign qualification must upload:

- Diploma and transcript of records legalized and officially translated by the Italian Diplomatic body (Embassy or Consulate) in the country where the qualification has been attained;
- “Dichiarazione di Valore in Loco” issued by the Italian Diplomatic body (Embassy or Consulate) in the country where the qualification has been attained;
- Diploma Supplement, if available.

By the deadline (**August, 7th 2020, 12 pm, CET**) candidates may access their on-line application and, if necessary, modify the submitted documents. After the deadline no further integration to the application will be admitted. Candidates must upload a document list and will not be required to be physically present during the documents evaluation phase.

Please note that the entry of false or incorrect data (that are not corrected by the deadline), implies the exclusion from the admission procedure.

At the end of the application process, the receipt of the application to the admission test must be printed.

The receipt of the application must be submitted on the day of the test together with the ID document indicated in the on-line application.

In case of difficulties in the online application process, please contact the Research and Internationalization Service (scuola.dottorato@uninsubria.it).

The University assumes no responsibility for malfunctions due to network overloading or application systems failure.

Eligible Candidates list

After the application deadline and the appropriate checks, a list of Candidates having correctly applied before the deadline will be published on the webpage: www.uninsubria.it/bandodottorati

Disabilities

In order to provide all the necessary assistance and determine any additional time required to complete the admission procedures in relation to a specific disability (according to item 20 of the Law 104/92, integrated and amended by law 17/1999), candidates with disabilities must submit by the deadline the suitable certification to the Postgraduate Office. A Disabled Students Service is available at the University of Insubria, at Via



Ravasi, 2 - Varese and in Via Sant'Abbondio, 9 - Como. In both offices students are received upon appointment. Additional Information is available on the webpage <https://www.uninsubria.it/servizi/servizi-studenti-con-disabilit%C3%A0-eo-dsa>.

Admitted Candidates

The list of admitted candidates will be officially published on the website www.uninsubria.it/bandodottorati

Item 4. Examinations

Admission to PhD courses depends on assessable qualifications and examinations. The teaching board determines assessable qualifications and assessment criteria. The assessment of candidate's qualifications and an oral or written test will be aimed to ascertain the preparation, the skills and aptitudes to scientific research of the applicants. Examinations may be performed in English upon specific request of the candidate in the application form. The knowledge of English and other languages eventually indicated by the applicant will be evaluated as well.

The tests will be held according to the schedule that will be published on the University website www.uninsubria.it/bandodottorati

Remote interview

The distance interview must take place via a platform made available by the University (Microsoft Teams), for this purpose the candidate must indicate an e-mail account that the commission will use for the video call.

The candidate must be available at the personal address, previously communicated, on the day indicated for the oral exam, according to the calendar shown in the PhD presentation form on the web University site.

The Committee has the possibility to agree with the candidate a precise time for the beginning of the interview. For identification and under penalty of exclusion from the competition, the candidate, before the interview begins, must identify himself, showing an identity document.

Applicants will be excluded if not logging in according to the time and the modalities agreed with the Committee. Furthermore, candidates will be excluded in case of connection failures, absence of the candidate or if the candidate does not show a valid personal ID. The University of Insubria disclaims any responsibility in the eventuality of technical issues compromising a regular interview.

Further information is available on the University website at the following link

<https://www.uninsubria.eu/about-us/news/coronavirus-covid-19-operational-indications-academic-community>

Item 5. Evaluation Committee

The Evaluation Committee is composed of three members chosen among professors and researchers of the University and, if necessary, of external experts. If the PhD programs have been established within the frame of international inter-institutional co-operation



agreements, the Committee composition and the admission procedures shall be determined as provided in the agreements.

The Committee attributes to each candidate up to a maximum of 60 points for each of the two evaluations (qualifications assessment and oral/written test). Oral/written tests are public and are considered passed if the candidate gets a score of no less than 40/60 points. The test results will be notified by means of an official publication of the ranking on the website of the University (www.uninsubria.it/bandodottorati). The publication replaces any personal communication.

Item 6. Course Enrollment

Candidates will be admitted to the courses according to the final ranking and the number of available positions for each PhD course. Eligible candidates not completing their enrollment by the deadline, will be excluded. The competent offices will proceed further in the ranking giving formal notice to the parties concerned.

Eligible candidates in more than one ranking list will be required to choose a single PhD program.

The rankings will be published on the website of the University (www.uninsubria.it/bandodottorati). The publication replaces in all respects any personal communication. Candidates are requested to view the ranking, the possible scrolling of the ranking list and the preemptory terms of registration, in the notices published on the website www.uninsubria.it/bandodottorati

Repechage

Candidates not admitted by October 26th, 2020 are required to confirm their interest in taking part to the application process by no later than October, 30th 2020 at 12.00 a.m. Confirmation must be provided by submitting the application for the repechage in accordance with the terms described on the website of the University www.uninsubria.it/bandodottorati.

In the absence of such confirmation candidates are excluded from the ranking and do not retain any right to registration. If, on October 26th, 2020, positions will become due to renounce of admitted candidates within the prescribed time limits, these position will be offered the next candidate in the rankings, taking into account the score obtained in the admission procedures and the repechage applications. Only in this case, the eligible candidates will be contacted personally through a message sent to the e-mail address indicated by the candidate during the registration procedure. Eligible candidates which receives such communication by e-mail can apply for registration in accordance with the procedures described on the webpage www.uninsubria.it/bandodottorati within the terms indicated in the text of the above-mentioned communication.

In any case, both rankings and registrations are closed on the date of 31th, December 2020.

Item 7. Incompatibility

The registration to a PhD program is incompatible with the enrollment to any other PhD program, undergraduate or graduate programs, first or second level master programs, non medical specialization programs, in Italy and abroad, with the exception of joint programs



agreements. The registration to PhD courses with scholarship is incompatible with any other scholarship, with the exception of scholarships for specialization abroad, provided the training period abroad is related to the scientific topics that are included in the PhD program established by the Teachers Board.

Those who have already been granted a scholarship for a PhD program cannot benefit from a second scholarship.

Item 8. Attendance

The admission to a PhD program implies an exclusive and full time commitment. The PhD student is obliged to attend the activities for its educational curriculum and to provide full commitment to study programs and to the assigned research activities according to the indications of the Doctorate Board.

PhD students, as part of their training program, may perform tutoring activities for Bachelor and Master's students as well as integrative teaching activities. The PhD title is attained at the end of the doctorate cycle with the preparation of a written dissertation (thesis) on the performed scientific activity which will be presented and discussed in front to the examining Committee.

The final thesis will be filed in the open access University institutional archive, that will ensure the preservation and public consultation, total, partial, or only in bibliographic data.

The University of insubria organizes, twice a year, 30hrs Italian language courses for beginners. Such courses are usually held between October and December and between March and May every year. If you are interested in joining one of them, please, write an e-mail to: relint@uninsubria.it as soon as you have been awarded with the PhD or the Research Fellowship specifying the preferred period of attendance.

Item 9. Scholarships

Each PhD program grants scholarships to a limited number of admitted PhD students and amounts to € 15.343,28 per year. The scholarships are renewed yearly provided that the student has completed the program of activities planned for the previous year and verified according to the procedures stated by the PhD Rules.

For periods of study abroad the scholarship amount is increased up to a maximum of 50% of the monthly amount for periods equal or longer than 30 days and not exceeding 18 months. The scholarship of the PhD program is subject to the payment of social security contributions (INPS a gestione separata), according to the relevant regulations in force.

Item 10. Tuition fees

All PhD students (assignees and non-scholarships) are required to pay an annual contribution of €156.00.

Item 11. Personal data

According to legislative Decree No. 196 of June 30th, 2003 ("Code for the protection of Personal data"), and of the general Regulations for the protection of data-EU Regulation



2016/679, the information on the processing of personal data is published on the University website.

The University in implementation of the legislation on the subject adopted its three-year plan for the prevention of corruption and appointed the responsible for the prevention of corruption:

<https://www.uninsubria.it/amministrazione-trasparente/disposizioni-general/piano-triennale-la-prevenzione-della-corruzione-e>

Item 12. Recruitment and HRS4R

Recruitment of PhD student (or Early Stage Researcher according to European definition) will be in accordance to the European Charter for Researchers (ECR) and the Code of Conduct for the Recruitment of Researchers (CCRR), which provide the overarching framework of guidelines and requirements for the roles, responsibilities and entitlements of such positions, ensuring that selection procedures are open, transparent and merit-based.

University of Insubria has been awarded the European Quality Label “HRS4R – Human Resources Strategy for Researchers” in February 2019, which recognizes the effort of the organizations in the implementation of the Charter & Code in their policies and practices and also identifies those universities and institutions that generate and support the existence of a stimulating and encouraging research environment.

Item 13. Reference laws

For everything not specifically included in this competition notice, the University of Insubria complies with the legislation in force and the University regulation for the PhD programs.

For further information related to the selection procedures of the PhD program contact the Research and Internationalization Service (scuola.dottorato@uninsubria.it).

Varese, *digital signature date*

The Rector
Prof. Angelo Tagliabue
digitally signed

Person in charge of the administrative procedure (L. 241/1990): Dott. Luca Azimonti –
scuola.dottorato@uninsubria.it



Annex 1 to call for the admission to PhD courses – XXXVI cycle

LAW AND HUMANITIES	
Scientific Area:	Law, Antiquities, Philology and Literature, History of Art; History, Philosophy, Pedagogy and Psychology; Geology; Biology.
PhD Director:	Prof.ssa Barbara Pozzo – barbara.pozzo@uninsubria.it
Duration:	3 years
Department:	Law, Economics and Culture.
Funded scholarships:	7
Non-funded scholarships:	2
Requirements:	Master's Degrees in: Law, Cultural Anthropology and Ethnology, Archaeology, Landscape Architecture, Archive and Library Science, Architectural and Environmental heritage preservation, Cultural heritage preservation and restoration, Information and Publishing Systems, Modern European and American Languages and Literatures, Modern Languages for International communication and Cooperation, Linguistics, IT methodologies applied to Humanistic Disciplines, Territory and city planning, Design and Management of Tourism Systems, Design and Management of Educational Services, Psychology, International Relations, Cognitive Sciences, Political Sciences, Performing Arts and Media Production, Philosophical Sciences, Historical Sciences, Pedagogical Sciences, Welfare services and Policy, Sociology and Social Research, History of Art, Communication Theories, Criminology, Geography; Modern Philology; Philology, Ancient Literature and History; Musicology and Cultural Heritage.
Assessment:	interview.
Assessment Criteria:	The interview will be focused on evaluating: their educational background, a research project proposed and developed by candidates themselves, their knowledge of English and of any other language they indicated.
Calendar:	Date, time and place will be made public at the following address: www.uninsubria.it/bandodottorati
Assessable Qualifications:	Curriculum Vitae, including education, previous research experiences, thesis/dissertation titles and publications.



	Self-certification or certification of the Master's Degree transcript of records with dates, marks, type of title and final mark.
	For students waiting for the attainment of the Master's Degree: self-certification or certification of the Master's curriculum transcript of records with dates and marks.
	Self-certification or certification of Bachelor's Degree transcript of records with dates type of title and final mark.
	Abstract of the Master's Thesis.
	Publications.
	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, didactic activities, PhD titles, collaboration to research activities.
	Recommendation letters (max. 3), by University professors 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
	A list of all the 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:	7
Positions without scholarship:	2
Assessment:	The assessment of each candidate will be based on an interview, the evaluation of the CV and the recommendation letters



	<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 5 points). - Teaching activity – tutorship, teaching assistance, seminars- (max 5 points). - Additional training and awards - attended schools, internships abroad, scholarships, awards – (up to a maximum of 5 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 9 points). <p>Candidates must submit and self-certify a list of all the qualifications.</p> <p>Only candidates who obtain at least 15 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>September 1-2-3-4,7 2020</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 Master's curriculum with dates and marks</p>



	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 letters will be accepted in the online procedure until 30 August 2020 at 12 pm.
	Language Certifications

COMPUTER SCIENCE AND COMPUTATIONAL MATHEMATICS	
Scientific Area:	Mathematics and Computer Science; Industrial and Information Engineering; Economics and Statistics
Referent:	Prof.ssa Barbara Carminati – barbara.carminati@uninsubria.it
Duration:	3 years
Department:	Theoretical and applied Sciences
Scholarships:	7
Places without scholarship:	2
Assessment criteria:	Up to a maximum of 60 points. Assessable qualifications: - grades of master exams and final degree grade (max 20 points); - scientific relevance, degree of originality and relevance of the research project and of the master thesis to the themes of the Doctorate (max 15 points; for the evaluation of the thesis it is necessary to send at least an extended summary, optional the full version of the thesis);



	<p>- presentations at conferences and publications related to the Doctorate (max 5 points);</p> <p>- advanced courses and professional experiences related to the Doctorate (max 5 points);</p> <p>- any other qualification, including language certifications and no more than 2 presentation letters (max 15 points).</p> <p>Only candidates who obtain at least 40 points will be admitted to the interview.</p>
Interview:	<p>Only candidates who have obtained at least 40 points in the assessment of qualifications are admitted to the interview. The interview will be focused on the candidate's scientific interests, motivation, and a proposal of an ideal research project; priority will be given to candidates presenting a research project related to the topics of this PhD. The knowledge of English will also be verified. The candidate may perform the interview in English language.</p>
Calendar:	<p>Date and time will be made 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.</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 marks</p> <p>Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark</p> <p>Electronic version of the Master Thesis or extended summary</p> <p>Research project</p> <p>Publications</p> <p>Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching activities, fellowships, collaboration to research activities.</p> <p>Recommendation Letters (Max. 2), 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.</p>



CLINICAL AND EXPERIMENTAL MEDICINE AND MEDICAL HUMANITIES	
Scientific field:	Biology; Medicine; History, Humanities, Philosophy, Pedagogy and Psychology; Political and Social Science
Referent:	Prof. Marco Cosentino – marco.cosentino@uninsubria.it
Duration:	3 years
Department:	Medicine and Surgery
Scholarships:	7
Places without scholarship	2
Requirements:	<p>Master Degree. Master degrees should be preferably (but not necessarily) in: Medicine and Surgery, Veterinary, Literature and Philosophy, Biology, Biotechnology, Pharmacology, Psychology, Chemistry and Pharmaceutical Technologies, Juridical and Economical Science.</p> <p>An adequate cultural background and personal skills suitable for the PhD course will be specifically verified and assessed for the admission.</p>
Assessment:	<p>The oral interview will deal with the contents of the written research project proposal, submitted as part of the application documents, with particular attention to:</p> <ul style="list-style-type: none"> • the relevance of the project for the PhD course topics • its feasibility in relation to the 3-y PhD course duration • its originality • its clarity. <p>The project proposal must be prepared according to the following scheme:</p> <ul style="list-style-type: none"> - title (max 150 characters, including spaces) - background (min 1000-max 1500) - aims (min 250-max 500) - methods (min 500-max 1000) - GANTT chart (wherever useful) - expected results (min 1000-max 1500) - budget and other resources (min 250-max 1000) - relevance and dissemination of results (min 500-max 1000) - references <p>Failure to include the project proposal before the deadline will result in automatic exclusion from the public competition.</p> <p>During the interview, knowledge of the English language will be also assessed</p>
Assessment criteria:	<p><u>Criteria for the qualifications assessment:</u></p> <ul style="list-style-type: none"> - 10 points for the master graduation final mark; - 10 points for other academic qualifications;



	<p>- <u>15 points for the relevance of the final dissertation for the PhD course topics;</u></p> <p>- 15 points for the relevance of the publications for the PhD course topics;</p> <p>- 10 points for other qualifications relevant for the PhD course topics.</p> <p>Candidates must submit a written and signed list of all the qualifications.</p> <p><u>Criteria to assess oral interview</u></p> <p>- 30 points for the project proposal;</p> <p>- 30 points for the oral interview, including the assesment of knowledge of the English language.</p>
Calendar:	Date, time and place will be made public at the following address www.uninsubria.it/bandodottorati
Assessable Qualifications:	<p>Self certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title and final mark.</p> <p>Self certification or certification of any other University title with dates, marks, type of title and final mark.</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 marks</p> <p>Electronic full text version of the Master thesis. Without the full text, the thesis will be not considered.</p> <p>Publications (please attach full text pdf). Without the full text, a publication will be not considered.</p> <p>Any other useful qualification such as: specialization and postgraduate courses, awards, grants, didactical activities, PhD titles, collaboration to research activities.</p> <p>Project proposal according to the above indicated scheme.</p> <p>Numbered list of all the qualifications included.</p>

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
Assessment: Interview:	Candidates will be interviewed in relation to their scientific interests and their motivation to enroll in this PhD program. 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.
Commitment of PhD students	Full time research activity
Research projects (candidates must contact Principal Investigators for details of the scientific project in which they are interested):	<ol style="list-style-type: none"> 1. Cardiovascular diseases: Variations and clinical relevance of humoral biomarkers in patients with cardiovascular diseases. PI: Roberto DE PONTI, roberto.deponti@uninsubria.it 2. Genetics: The role of epigenetics in nanotoxicity. PI: Roberto PAPAÏT, roberto.papait@uninsubria.it 3. Infectious diseases: Incidence and treatment of multidrug resistant pathogens with the new antimicrobial agents. PI: Paolo GROSSI, paolo.grossi@uninsubria.it 4. Construction of anti-glioblastoma vaccines b\square increasing recognition and persistence of CD4 T cells for tumor antigens. PIs: Greta FORLANI, greta.forlani@uninsubria.it 5. Neuroscience: Characterization of the effect of pathological CDKL5 derivatives on microtubule dynamics and neuronal receptor functions. PI: Charlotte KILSTRUP-NIELSEN, c.kilstrup-nielsen@uninsubria.it 6. Neuroscience: Role of the endocannabinoid system in adolescent brain development in male rats.. PI: Tiziana RUBINO, tiziana.rubino@uninsubria.it 7. Neuroscience: The role of the neprilysin mitochondrial



	<p>protease in the pathogenesis of Parkinson's disease. PI: Mauro FASANO, mauro.fasano@uninsubria.it; Tiziana ALBERIO, tiziana.alberio@uninsubria.it</p> <p>8. Oncology: New molecular diagnostic approaches to study leukemic stem cells and their role in the pathogenesis of chronic myeloid leukemia. PI: Giovanni PORTA, giovanni.porta@uninsubria.it</p> <p>9. Oncology: Molecular profiling of pancreatic cancer to identify actionable mutations for precision oncology. PI: Fausto SESSA, fausto.sessa@uninsubria.it</p> <p>10. Oncology: Prostate cancer: disentangling the relationships within the tumour microenvironment to better model and target tumour progression. PI: Jan Marc BONAPACE, marc.bonapace@uninsubria.it</p> <p>11. <u>Oncology</u>: Characterization of early-stage low-grade recurrent endometrial cancer: adoption of the molecular classification to identify patients at higher risk . PI: Fabio GHEZZI, fabio.ghezzi@uninsubria.it</p> <p>12. Physiology: Role of vascular lymphatic drainage in extracellular cardiac tissue remodelling and function. PIs: Daniela NEGRINI, daniela.negrini@uninsubria.it; Andrea MORIONDO, andrea.moriondo@uninsubria.it</p> <p>13. Physiology: Neurotransmitter transporters in Parkinson's disease. PI: Cristina ROSETTI, cristina.rosetti@uninsubria.it</p>
Calendar:	September 10-11th 2020, 10:00 a.m. (CET)
Assessable Qualifications:	<p>Self certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title and final mark.</p> <p>Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark</p> <p>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</p>



	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:	Economics and Quantitative Methods
Referent:	Prof. Ivan Moscati ivan.moscati@uninsubria.it
Duration:	3 Years
Department:	Economics
Scholarships:	6
Places without scholarship:	0
Requirements:	Master Degree (second or single cycle, national or foreign title).



Assessment criteria and assessable qualifications:	<p>Assessable qualifications; up to <u>60 points</u>:</p> <ul style="list-style-type: none">– graduation final mark (max 15 points);– relevance of the final dissertation for the PhD topics (max 15 points; the applicant must submit an abstract of the thesis or its integral version);– publications and conference presentations on topics relevant for the PhD program (max 5 points);– training activities and professional experience relevant for the PhD (max 5 points);– any other assessable qualification, including language certifications, and up to 3 recommendation letters (max 20 points). <p>Only applicants awarded with a minimum of 40 points on the qualification assessment are admitted to the interview.</p>
Interview:	<p><u>Only applicants awarded with a minimum of 40 points on the qualification assessment</u> are admitted to the interview. Applicants are interviewed on their scientific interests and their motivations for applying to this specific PhD program. The interview can be evaluated <u>up to a maximum of 60 points</u>, and <u>only applicants awarded with a minimum of 40 points in the interview can access to the next steps of the selection process</u>. The interview 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 may perform the interview in English or Italian.</p>
Calendar:	<p>Date, time and place will be made public at the following address: www.uninsubria.it/bandodottorati</p>
	<p>Applicants have to enter in the online registration form the name and e-mail addresses of their referees. Recommendation letters (max 3) should be uploaded <u>directly by the applicant's referees</u> through an online procedure.</p>



CHEMICAL AND ENVIRONMENTAL SCIENCES	
Scientific field:	Chemistry; Geology; Biology; Medicine; Engineering.
Curricula	1. Chemical Sciences 2. Environmental Sciences
Referent:	Prof. Alessandro Maria Michetti - alessandro.michetti@uninsubria.it
Duration:	3 years
Department:	Science and High Technology
Scholarships:	7 (Total) 3 for the Chemical Sciences curriculum, 4 for the Environmental Sciences curriculum,
Places without scholarship:	2 (Total) 1 for the Chemical Sciences curriculum 1 for the Environmental Sciences curriculum
Requirements:	Any Master's Degree (second or single cycle)
Assessment criteria and assessable qualifications:	60 points for the qualification assessment [i.e. Curriculum Studiorum (including the marks obtained in the different examinations/activities), final dissertation, publications, specialization courses, scholarships and further technical and computer skills]; 60 points for the interview (including 10 points for linguistic skills).
Assessment: Interview	Candidates will be interviewed online through the Microsoft Teams Platform. 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 of English and additional EU languages. The candidate may perform the interview in English language. Further information can be found in: https://dottorato.disca.uninsubria.it/home-english-version/
Calendar:	Environmental Sciences curriculum: September 1-2-3, 2020 Chemical Sciences curriculum: September 2-3-4, 2020



Assessable Qualifications:	Complete Curriculum Vitae, including education data, previous research experiences, thesis and publications.
	Self certification or certification of the transcript of records of the Masters Degree with dates, marks, 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
	Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and
	Abstract of the Master Thesis
	Publications
	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching activities, PhD titles, collaboration to research

LIFE SCIENCES AND BIOTECHNOLOGY	
Scientific Area:	Chemical Sciences; Biology; Medicine; Agricultural and Veterinary Sciences
Referent:	Prof.ssa Silvia Sacchi – 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, Environmental sciences, Engineering, Agricultural science and technology, Food preparation sciences, Sciences and animal husbandry technologies.
Assessment criteria:	60 points for the qualifications assessment (such as: Curriculum Studiorum with transcript of records, the master thesis, publications, postgraduate courses, awards and grants, technical and IT skills); 60 points for the interview (included 10 points for language skills).



Assessment: Interview	The interview will focus on the scientific interests and the motivation of candidates, on the proposal of a research project related to the PhD program describing goals, methodologies, schedule and key issues. During the interview, the following aspects will be assessed: a sound cultural 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..
Calendar:	September 4, 2020 time and place will be made public at the following address: www.uninsubria.it/bandodottorati
Assessable Qualifications:	Complete Curriculum Vitae, including education data, previous research experiences, thesis and publications.
	Self-certification or certification of the transcript of records of the Master's Degree with dates, marks, type of title, evaluation 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 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 marks.
	Abstract of the Master Thesis
	Publications
	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching activities, PhD titles, collaboration to research activities.