



**Executive summary of the Call for the admission to PhD courses - XXXII cycle -
at the Università degli Studi dell'Insubria, for the academic year 2016/2017**

**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 it
is intended to provide foreign candidates with the basic information and
instructions**

Item 1. Introduction

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

Any increase in the number of scholarships can imply the increase of available places
and will be notified to the candidates by a notice on the website
“www.uninsubria.it/web/dottorati” before the competition test starts.

Item 2. admission requirements

Candidates who are in possession of a master's degree diploma or a degree title attained
according to the laws previous to the DM509/1999 obtained in Italy or equivalent
academic qualification obtained at 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 state, at any given time, with reasoned decision, the exclusion
for defect of the prescribed requirements.

Item 3. Application

The application for admission to PhD studies shall be submitted by the deadline of
August 22nd 2016, 12pm (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 the candidates must follow the link “Servizi Web – Segreterie 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.

Who is not in possession of credentials for access must register by selecting “Registrazione” (register), then go to "login", then select "test for admission" and follow the instructions.

The candidates, during the on-line registration, must:

- Enter 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
- Upload a scan of the qualifications needed for each PhD course listed in annex 1
- Upload a scan of the ID

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

The assessment committees will take into consideration only the eligible qualifications needed for each PhD course listed in annex 1.

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

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

Candidates may access their on-line application and eventually modify the entered qualifications until the deadline. After the deadline no further integration to the application will be admitted. Candidates must upload a qualification list and they will not be required to be physically present during the qualifications assessment.

Please note that the entry of false or incorrect data and not corrected by the deadline, will imply the exclusion from the competition.

At the end of the procedure, it is needed to print, the receipt of the application to the admission test.

The receipt of the application must be presented on the day of the test and the ID document indicated in the on-line application.

In case of difficulties in the online application procedure, please contact the Postgraduate Office (post.lauream@uninsubria.it).

The University assumes no responsibility for any malfunctions due to overloading of networks or applications systems.



Admitted 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/web/dottorati”.

Disabled Persons

In order to provide all the necessary assistance and determine any additional time required for the completion of the examination in relation to the 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 to the Postgraduate Office a suitable certification. At the University of Insubria a Disabled Students Service is available, open every Monday and Tuesday, from 10.00 a.m. to 12.00 in the seat of Via Ravasi, 2 - Varese and Wednesdays from 10.00 a.m. to 12.00 in the seat of Via Sant'Abbondio, 9 - Como. In both seats students are received upon appointment. Additional Information is available on the webpage www.uninsubria.it/web/serv-disabili.

Results

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

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/web/dottorati.

Videoconference

Foreign and Italian candidates living abroad may request to be interviewed remotely by videoconference or any other technology enabling remote communication, by sending an email to the coordinator of the course.

Applicants should specify whether the connection will be through video conferencing services University (international standard H.323) or Skype.



Candidates must indicate already in the mail request to the Coordinator their email account and the account skype if he chose this option and contacts will take place directly with the Coordinator.

In the case of video conferencing services offered by the University, a link needed to download and install a terminal h.323 software, interfaced with the University IT system and credentials to access it will be sent to the candidate's email address. Few days before the interview, it will be necessary to make at least two link tests (an independent test with auto responder and a qualitative test with the University staff).

If connecting by Skype candidate might be excluded from the competition if the personal account has not previously provided. If using the university video conferencing system, applicants might be excluded if not logging in according to the time and the modalities agreed with the Committee. Furthermore, candidates might be excluded both in case of connection failure (absence of the candidate) or if the candidate does not show a valid ID. The University of Insubria disclaims any responsibility in the eventuality of technical issues compromising a regular interview.

Item 5. Evaluation Committee

The Evaluation is composed of three members chosen among professors and researchers of the University and, eventually, from external experts. If the PhD programs have been established within the frame of international inter-institutional cooperation agreements, the Committee composition and the admission procedures shall be determined according to the agreements themselves.

The Committee attributes to each candidate up to a maximum of 60 points for each of the two evaluations (qualifications assessment and oral or written test). Oral or 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/web/dottorati). 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 places 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 course.

Please refer to the enrollment procedures included in the rankings that will be published at the following link: www.uninsubria.it/web/dottorati

Item 7. Incompatibility

The registration to a PhD program is incompatible with the registration 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 that 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 with 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 with full commitment to programs of study and the assigned research activities. The Teachers Board disciplines the attendance modalities of the PhD.

PhD students, as part of their training program, can 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 PhD cycle, when the final examination has been passed implying the submission and the discussion of a written dissertation (thesis) with a scientific research relevance, conducted with method from which important scientific results arise.

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.

Item 9. Scholarships

Each PhD program grants scholarships to a limited number of admitted PhD students. The scholarships are annual and are renewed provided that the student has completed the program of activities for the previous year, verified according to the procedures stated by the PhD Regulation.

For periods of study abroad, the scholarship amount is increased to a maximum of the 50% for periods equal or more than 30 days and not exceeding 18 months. The annual amount of the scholarship is € 13.638,47. 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

Phd students without scholarship are required to pay an annual fee of € 163,69 (including regional tax of € 140, national revenue fees and insurance contributions); Phd scholarship holders are required to pay an annual fee of € 23,69 (national revenue fees and insurance contributions).

Item 11. Personal data



According to the Legislative Decree No. 196 June 30, 2003 ("Codice in materia di protezione dei dati personali"), the personal data provided by candidates will be filed at the Postgraduate Office of the University of Insubria and processed for the purposes related to the administration of the competition and, eventually, the academic of eligible candidates. Candidates must provide such data for the assessment of the admission requirements, under penalty of exclusion from the competition.

The personal data provided by candidates will be communicated to the administrative structures of the University of Insubria and the organizations directly involved with the legal and economic position of the eligible candidates.

Please refer to the information model "Informativa sulla privacy" in accordance with the Legislative Decree 196/2003 available at the Postgraduate Office, Via Ravasi, 2-21100 Varese.

Item 12 – Reference laws

For everything not specifically included in this competition notice, the Università degli Studi dell'Insubria complies with the legislation in force and the University regulation for the PhD courses.

For information relating to the competition procedures, post.lauream@uninsubria.it.

The Rector
Prof. Alberto Coen Porisini

Responsible of the administrative procedure (L. 241/1990): Dr Sara Coppes -
post.lauream@uninsubria.it



Annex 1 to the call for the admission to PhD courses - XXXII cycle

Biotechnology, Biosciences and Surgical Technologies	
Scientific Area:	Chemical Sciences; Biology; Medicine; Agricultural and Veterinary Sciences
Curricula:	<ol style="list-style-type: none">1. Molecular and Food Biotechnologies2. Cell and Molecular Biology3. Biotechnologies and Surgical Techniques Candidates are required to specify the curriculum in the application form
Referent:	Prof. Loredano Pollegioni - loredano.pollegioni@uninsubria.it tel: + 39 0332 421506
Duration:	3 Years
Department:	Biotechnologies and Life Sciences
Scholarships:	7 (total): 3 for the Molecular and Food Biotechnologies curriculum, 2 for the Cell and Molecular Biology curriculum; 2 for the Biotechnologies and Surgical Techniques curriculum
Places without scholarship:	2 (total): 1 for the Cell and Molecular Biology curriculum; 1 Biotechnologies and Surgical Techniques curriculum
Requirements:	Master degree graduates (graduate degrees, single-cycle graduate degrees or other qualification obtained abroad and recognized as equivalent) can access the PhD course 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, procedures and a schedule. During



	the interview, the following aspects will be assessed: a sound cultural background related to the PhD topics; methodological, research, clinical and lab skills; the knowledge of English language (and other linguistic skills). The candidate may perform the competition in English language. Following a request to the Referent, candidates resident abroad may perform the interview by videoconference/skype.
Calendar:	September 15th 2016, 3 pm at the meeting room of the blue floor of the Department, via Dunant 3 (Varese).
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.

LAW AND HUMANITIES	
Scientific Area:	Law, Antiquities, Philology and Literature, History of Art; History, Philosophy, Pedagogy and Psychology; Geology; Biology.
PhD Director:	Prof. Maurizio Cafagno - maurizio.cafagno@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:	Written test and interview.
Assessment Criteria:	The written test will consist in an essay concerning the educational and academic goals of the PhD program. Candidates can choose to write about either philosophical-historical or legal topics. Only candidates having passed the written test will be admitted to the interview. This will be focused on evaluating: their educational background, the written test, a research project proposed and developed by candidates themselves, their knowledge of English and of any other language they indicated.
Calendar:	26 September 2016, 9.30 a.m., Varese (Italy). The exact address and classroom will be published on: www.uninsubria.it/web/dottorati
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.
	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. Massimo Caccia – massimo.caccia@uninsubria.it – tel +39 031 238 6216
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 reference letters
Interview:	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.
Calendar:	Date, time and place will be made public at the following address: www.uninsubria.it/web/dottorati
Assessable Qualifications:	Curriculum vitae, including education, research and working experiences, thesis and publications.
	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
	Self certification indicating the chosen curriculum
	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 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.
	Language Certifications

COMPUTER SCIENCE AND COMPUTATIONAL MATHEMATICS	
Scientific Area:	Mathematics and Computer Science; Industrial and Information Engineering; Economics and Statistics
Referent:	Prof. Claudio Gentile - claudio.gentile@uninsubria.it
Duration:	3 years
Department:	Theoretical and applied Sciences
Scholarships:	7
Places without scholarship:	2
Assessment:	Interview
Assessment criteria:	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.
Calendar:	The exact place and date will be published on: www.uninsubria.it/web/dottorati
Assessable Qualifications:	Complete Curriculum vitae, including education data,



	previous research experiences, thesis and publications.
	For Students waiting 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
	Self certification or certification of the transcript of records the Bachelor's Degree with date, type of title and final mark
	Electronic version of the Master Thesis
	Publications
	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, teaching activities, fellowships, collaboration to research activities.
	Recommendation Letters (Max. 3), by University teachers or researchers

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:	Clinical and experimental medicine
Scholarships:	7
Places without scholarship	2
Requirements:	<p>Master Degree. Master degrees should be preferentially (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 assessment will be focused on a written research project and an interview to discuss the submitted project 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>Candidates will be given one hour to draw the project, During the interview, knowledge of the English language</p>



	will be also assessed. Further information at: http://www4.uninsubria.it/on-line/home/naviga-per-tema/didattica/post-lauream/dottorati-di-ricerca/articolo4528.html
Assessment criteria:	<u>Criteria for the qualifications assessment:</u> - 10 points for the master graduation final mark; - 10 points for the University curriculum; - 15 points for the relevance of the final dissertation for the PhD course topics; - 15 points for the relevance of the publications for the PhD course topics; - 10 points for other qualifications relevant for the PhD course topics. Candidates must submit a list of all the qualifications.
Calendar:	September 16th 2016, 10am. The place of the exam will be published on: www.uninsubria.it/web/dottorati
Assessable Qualifications:	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 any other University title with dates, marks, type of title and final mark.
	For Students waiting 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
	Electronic version of the Master thesis
	Publications
	Any other useful qualification such as: specialization and postgraduate courses, awards, grants, didactical activities, PhD titles, collaboration to research activities.
	List of the qualifications

EXPERIMENTAL AND TRANSLATIONAL MEDICINE	
Scientific field:	Medicine; Biology; Biomedicine
Referent:	Prof. Antonio Toniolo – antonio.toniolo@uninsubria.it
Duration:	3 years
Department:	Biotechnologies and Life Sciences Department secretary: Mrs. Adriana Jacona: adriana.jacona@uninsubria.it
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 on the selected field, the ability to discuss most relevant discoveries in the biomedical 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 are invited to contact Principal Investigators with regard to the programs of interest):	<p>1. Cardiology: T-Wave Alternans and risk of Sudden Death in ischemic and non-ischemic heart diseases - Jorge Salerno-URIARTE, MD, Roberto DE PONTI, MD; Cecilia FANTONI, MD – jorge.salernouriarte@uninsubria.it, roberto.deponti@uninsubria.it, cecilia.fantoni@uninsubria.it</p> <p>2. Cell therapy: Autologous mesenchymal stem cells as therapeutic aid for large bone defects. PI: Michele SURACE, MD, Orthopedic Surgery – michele.surace@uninsubria.it</p> <p>3. Endocrinology: Pathogenic links between thyroid cancer and Graves' disease – PI: Luigi BARTALENA, MD – luigi.bartalena@uninsubria.it</p> <p>4. Infection and Immunity: Agonists/antagonists of Toll-Like Receptors (TLRs) in innate immunity and in cellular differentiation with regard to hematopoietic stem cells. PI: Carlo ROSSETTI, PhD – carlo.rossetti@uninsubria.it</p> <p>5. Infection and Immunity: Animal models to investigate antigen presentation and protective immune response against solid tumors - PI: Roberto ACCOLLA, MD – roberto.accolla@uninsubria.it</p> <p>6. Infection and Immunity: Generation of novel Chimeric Antigen Receptor (CAR) -T cells against microbial antigens – Filippo CANDUCCI, MD, PhD – filippo.canducci@uninsubria.it</p> <p>7. Infection and Immunity: HCV infection in transplantation - PI: Paolo GROSSI, MD - paolo.grossi@uninsubria.it</p> <p>8. Infection and Immunity: Viral infections as</p>



environmental determinants of human diabetes –PI: Antonio TONIOLO, MD and Alessandro SALVATONI, MD - antonio.toniolo@uninsubria.it and alessandro.salvatoni@uninsubria.it

9. Neurosciences: Alteration in the astrocyte-neuron communication following exposure to THC during adolescence: role of the CB1 receptor - PI Daniela PAROLARO, PhD - daniela.parolaro@uninsubria.it.

10. Neurosciences: Cytoskeletal defects in CDKL5-disorder: a putative therapeutic target – PI: Charlotte KILSTRUP-NIELSEN, PhD - c.kilstrup-nielsen@uninsubria.it

11. Neurosciences: Mitochondrial dysfunction in Parkinson's disease: the role of PARK2. PI: Mauro FASANO, PhD - mauro.fasano@uninsubria.it

12. Neurosciences: Role of the commensal microbiota in the regulation of enteric neurotransmitter pathways during postnatal development in a mutant mouse model of attention deficit and hyperactivity disorder (ADHD). PI: Cristina GIARONI, PhD – cristina.giaroni@uninsubria.it

13. Oncology: Cell adhesion as a key determinant of ovarian cancer progression: role of the human oncosuppressor gene RNASET2 in integrin-mediated cellular and molecular pathways – PI: Francesco ACQUATI, PhD – francesco.acquati@uninsubria.it

14. Oncology: Epigenetic basis of the co-existence of global DNA hypermethylation and site-specific hypomethylation during cancer progression – PI: Ian Marc BONAPACE, PhD - ian.bonapace@uninsubria.it

15. Oncology: Epigenetic reduction of DNA repair in progression to cancer: comparison between sporadic and hereditary tumors of different sites – PI: Daniela FURLAN, PhD – daniela.furlan@uninsubria.it

16. Oncology: Generation of anti-tumor vaccines by combined approaches of isolation of tumor-specific antigens, stimulation of T-cells, anti-check point inhibitors.- PI: Roberto ACCOLLA, MD and Greta FORLANI, PhD – roberto.accolla@uninsubria.it

17. Oncology: Genetic and epigenetic biomarkers useful to characterize the biologic behaviour of endometrial and ovarian carcinoma – PI: Cristina RIVA, MD – cristina.riva@uninsubria.it

18. Oncology: Genetic markers as predictors of poor prognosis in aggressive B-cell lymphomas. Role of new



	<p>molecular technologies in personalized medicine - PI Silvia UCCELLA, MD, PhD – silvia.uccella@uninsubria.it</p> <p>19. Oncology: New diagnostic approaches to study leukemic stem cells and their role in the pathogenesis of Chronic Mieloid Leukemia - P.I. Giovanni PORTA, MD - giovanni.porta@uninsubria.it</p> <p>20. Oncology: Next Generation Sequencing-based biomarkers as prognostic targets to investigate the pathogenesis of breast cancer. P.I. Giovanni PORTA, MD – giovanni.porta@uninsubria.it .</p> <p>21. Oncology: Role of inflammatory microenvironmental cells in EBV related cancerogenesis – PI: Fausto SESSA, MD - fausto.sessa@uninsubria.it</p> <p>22. Oncology: Virus-induced oncogenesis: the interplay between HTLV-1 Tax-1 and HBZ viral oncogenes and host factors in the generation of Adult T cell Leukemia/lymphoma - PI: Roberto ACCOLLA, MD and Greta FORLANI, PhD – roberto.accolla@uninsubria.it</p> <p>23. Physiology: Effects of acute stress on neurotransmission in the prefrontal cortex, and their modulation by ketamine: an electrophysiological study. PI: Lia Chiara FORTI, PhD - lia.forti@uninsubria.it</p> <p>24. Physiology: Mechano-electrical modulation of the vascular lymphatic function – PI: Daniela NEGRINI, PhD – daniela.negrini@uninsubria.it</p> <p>25. Physiology: Peripheral chronic pain: heterologous expression and characterization of possible therapeutic targets - Elena BOSSI, PhD – elena.bossi@uninsubria.it</p> <p>26. Physiology: Role of amino acids transporters and accessory proteins in inflammatory disease – PI: Elena BOSSI, PhD – elena.bossi@uninsubria.it</p>
Calendar:	The place and date of the admission exam will be published at www.uninsubria.it/web/dottorati
Assessable Qualifications:	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 expecting 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.
	Presentation Letters (Max. 3) by University professors and/or research investigators

METHODS AND MODELS FOR ECONOMIC DECISIONS	
Scientific field:	Economics, Statistics; Low
Referent:	Prof. Matteo Rocca matteo.rocca@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>(up to 60 points): assessable qualifications:</p> <ul style="list-style-type: none"> - graduation final mark (max 20 points); - relevance of the final dissertation with the PhD topics (max 10 points, candidate must submit an abstract of the thesis or its integral version); - presentations and publications relevant for the PhD topics (max 10 points) - training activities and professional experience relevant for the PhD (max 10 points) - any other assessable qualification, included language certifications and up to 3 recommendation letters (max 10 points) <p>Only candidates awarded with minimum 45 points for the qualification assessment will be admitted to the interview.</p>
Interview:	<p><u>Only candidates awarded with minimum 45 points for the qualification assessment</u> will be interviewed on their scientific interests and their motivation. Furthermore, the interview will be focused on the basic knowledge of economics and quantitative topics, the knowledge of English and the discussion of possible research lines related to the PhD. The candidate may perform the interview in English.</p>
Calendar:	Interviews will start on September 15th morning, possibly continuing on 16th afternoon and 17th at the



Department of Economics.

CHEMICAL AND ENVIRONMENTAL SCIENCES	
Scientific field:	Chemistry; Geology; Biology; Medicine.
Curricula	1. Chemical Sciences 2. Environmental Sciences
Referent:	Prof. Norberto Masciocchi - norberto.masciocchi@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 about 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: http://toscalab.uninsubria.it/web_page/news/DISCA_in_short.pdf
Calendar:	Chemical Sciences curriculum: September 13 th 2016, 9.30 am - Como. The meeting place will be published on: www.uninsubria.it/web/dottorati .



	Environmental Sciences curriculum: September 13 th 2016, 9.30 am - Como. The meeting place will be published on: www.uninsubria.it/web/dottorati
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 final mark
	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 programs.
	Recommendation Letters (Max. 3), by University Staff (Teachers or Researchers)