

Public competition announcement for admission to PhD programs related to the XXXIII cycle - academic year 2017/2018.

Activation

They are activated, for the a.a. 2017/2018, as part of the XXXIII cycle, the three-year research doctorate courses, listed below, with administrative headquarters at the University of Teramo, for admission to which the public competition for qualifications is held exams.

PhD in "History of Europe from the Middle Ages to the Contemporary Age"

Description and objectives of the course The Doctorate in History of Europe from the Middle Ages to the Contemporary Age aims to promote the study of European history, in relation to national specificities and common processes. Particular attention will be devoted to the critical analysis of political, religious, cultural, economic and social processes in the continent from the Middle Ages to the contemporary age: in addition to the themes and problems inherent in the historiographic tradition, less frequent aspects (such as "connected history", the history of gender, trans-national history and cultural exchanges). Attention will be paid to the regional dimensions of European history, in terms of relations between macro-areas (such as between Mediterranean Europe and Balkan Europe, between Mediterranean Europe and Central Europe). Furthermore, the PhD program aims to act as a reference point for historical research applied to cultural heritage and dissemination through "digital humanities". From the XXXII cycle there is a PON project that involves the participation of a private company for the use of GIS technology in the dissemination of historical research.

The aim of the Doctorate is to train researchers able to move on an international horizon, providing the PhD students with opportunities for exchange and contact with international Universities and Research Centers, also with the activation of international co-protections Requirements for admission All master's degrees, specialist or old degree with degree thesis in a historical discipline or historical subject

Number of seats available 6

Number of places covered by scholarship 3 (financed by the University of Teramo)

Number of places covered by scholarship reserved for graduates of foreign Universities 2 (financed by the University of Teramo)

to incentivize UniTe applications, it ensures a mobility fee of 500 euros per month for the reimbursement of expenses incurred by the doctoral candidate.

Number of extra seats reserved for employees of the Abruzzo Region / Municipality of Pescara 1 (subject to stipulation of the Conventions)

Abruzzo Region: the reserve applies only to personnel of the Region with permanent contracts and belonging to category D.

Municipality of Pescara: the reserve applies only to personnel hired on permanent contracts belonging to category D or managerial level.

Number of places without bag 0

Scientific disciplinary sectors M-STO / 01; M-STO / 02; M-STO / 04; M-STO / 07; SECS-P / 04

Coordinator Prof. Francesco Benigno

PhD in "Cellular and Molecular Biotechnologies"

Description and objectives of the course Provide an in-depth knowledge of the molecular and functional bases of cells and transfer the most modern technologies applied to the use in the biomedical field for:

1. development of nutraceutical foods; 2. In vitro and in vivo evaluation of the nutraceutical and nutrigenomic effects of food; 3. development of biopharmaceuticals; 4. identification of innovative therapies; 6 definition of computational predictive models.

the research themes as well as the international and intersectoral valorisation of the course took place through the financing of:

- Rep-Biotech project n. 675526 in the ITN-EJD 2015 action coordinated by the University of Murcia and recognizes as Universities beneficiary beyond the University of Teramo also the Universities of Bonn, Gent and Dublin.

- REP-EAT project n. 713714 in the MSCA Co-FUND DP 2015 action, coordinated by Teramo.

- 3 PON RI bags

Requirements for admission All master's degrees, specialist or old system

Number of available seats 10

Number of places covered by scholarship 5 (2 of which are financed by the University of Teramo and 3 funded by the University of L'Aquila)

Number of seats in Convention 1 reserved for employees of the Reproductive Medicine Center in Mainz (Germany)

Number of places covered by scholarship reserved for graduates of foreign Universities 2 (of which 1 financed by the University of Teramo and 1 financed by the IZSAM of Teramo)

to incentivize UniTe applications, it ensures a mobility fee of 500 euros per month for the reimbursement of expenses incurred by the doctoral candidate.

Number of places without bag 2

Research projects covered by scholarships See art. 3 (candidates interested in scholarships must submit, together with the application, a specific research project indicated in Article 3)

Scientific disciplinary sectors BIO / 05; BIO / 06; BIO / 10; BIO / 11; BIO / 13; BIO / 14; CHIM / 09; FIS / 07; VET / 01; VET / 02; VET / 03; VET / 07; VET / 09; MED / 03

Coordinator Prof. Barbara Barboni

PhD in "Food Sciences"

Description and objectives of the course The PhD program is centered on the interdisciplinary study of the agri-food chain, the topics covered fully fall within the ERC sector of Life Sciences, and specifically in the LS9-Applied life sciences and non-medical biotechnology sector, they are also interested the sectors LS4_3 Endocrinology regarding the nutritional aspects, the PE4_6 Analytical chemistry sector with regard to the development of innovative analytical methods and the PE sector 8_10 Process The course is aimed at the training of experts with in-depth knowledge on the quantitative and qualitative aspects of food production, obtained both in conventional and biological regime. It is therefore proposed to obtain professional figures able to plan and manage production processes through a rationalization of traditional technologies and / or through product and process innovations, to condition and evaluate quality (declined according to its multiple components), the safety and wholesomeness of foods, including nutritional aspects, to make available all the skills for the characterization, enhancement and traceability of food products

Admission requirement Possession of one of the following degrees: LM-6 Biology, LM-7 Agricultural Biotechnology, LM-8 Industrial Biotechnology, LM-9 Medical, Veterinary and Pharmaceutical Biotechnology, LM-22 Chemical Engineering, LM-42 Veterinary Medicine, LM -54 Chemical Sciences, LM-56 Economics, LM-60 Sciences of Nature, LM-61 Human Nutrition Sciences, LM-69 Agricultural Sciences and Technologies, LM-70 Food Science and Technology, LM-71 Sciences and Technologies of industrial chemistry, LM-73 Forest and environmental sciences and technologies, LM-75 Sciences and technologies for environment and territory, 6 / S (specialists in biology), 7 / S (specialized in agricultural biotechnologies), 8 / S (specialist in industrial biotechnologies), 9 / S (specialists in medical, veterinary and pharmaceutical biotechnologies), 27 / S (specialists in chemical engineering), 62 / S (specialists in chemical sciences), 77 / S (specialists in science and technology agrarie), 78 / S (specialist in science and technology) agri-foodstuffs), 79 / S (specialists in agro-technological sciences and technologies), 81 / S (specialists in industrial chemistry sciences and technologies), 92 / S (specialist in statistics for experimental research) - In the case of graduate applications with degree class other than those indicated, the Academic Board will evaluate the admission according to particular curricular requirements that can make the candidate suitable for carrying out activities in the field of food science.

Number of seats available 7

Number of places covered by scholarship 5 (financed by the University of Teramo)

Number of places without scholarship reserved for graduates of foreign universities 2

to incentivize UniTe applications, it ensures a mobility fee of 500 euros per month for the reimbursement of expenses incurred by the doctoral candidate.

Research projects covered by scholarships See art. 4 (candidates interested in scholarships must submit, together with the application, a specific research project indicated in Article 4)

Scientific disciplinary sectors AGR / 01; AGR / 02; AGR / 15; AGR / 16; AGR / 19; VET / 03; VET / 04; VET / 07; CHIM / 01; ING-IND / 25; MED / 49

Coordinator Prof. Dario Compagnone

PhD in "Veterinary medical sciences, public health and animal welfare "

Description and objectives of the course The aim is to provide the PhD students with the necessary tools to apply the most modern scientific methodologies and principles for the learning of professional skills, methods of research and study in the various sectors of Veterinary Medical Sciences. In accordance with the European objectives of both "Horizon 2020" and OneHealth and in particular in the document related to Innovative Medicines Initiative (IMI) 2, the PhD students will acquire knowledge and understanding and application skills, autonomy of judgment, communication skills in the the various sectors of veterinary medical sciences, animal welfare and public health including food-borne zoonoses. In addition, the course aims to promote training programs and research projects that coagulate common interests in the various aspects of veterinary clinical sciences, including the study of the genetic basis of human and animal malignancies and issues related to the protection of animal welfare, ethics of breeding, conservation of animal biodiversity and harmonization in the EU of legal rules.

Admission requirement Possession of one of the following degrees:

LM-6 Biology

LM-42 Veterinary medicine

LM-54 Chemical Sciences

LM-70 Food science and technology

6 / S (specialist in biology)

47 / S (specialist in veterinary medicine)
62 / S (specialists in chemical sciences)
78 / S (specialists in agricultural sciences and technologies)
Number of seats available 7

Number of places covered by scholarship 4 (3 of which are funded by the University of Teramo and 1 financed by CIAM Srl)

Number of places covered by scholarship reserved for graduates of foreign Universities 2 (of which 1 financed by the University of Teramo and 1 financed by the IZSAM of Teramo)

to incentivize UniTe applications, it ensures a mobility fee of 500 euros per month for the reimbursement of expenses incurred by the doctoral candidate.

Number of places without scholarship 1

Scientific disciplinary sectors VET / 01; VET / 02; VET / 03; VET / 04; VET / 05; VET / 06; VET / 08; VET / 09; VET / 10; AGR / 19; BIO / 10

Coordinator Prof. Fulvio Marsilio

Places with scholarships may be increased as a result of additional funding that becomes available after the issuance of this call for applications.

Any increase in the number of scholarships may determine the increase in the total number of places available. This increase will be communicated exclusively on the University website (<http://www.unite.it>).

Admission requirements

The application for participation in the call for applications may be submitted, without limitation of age and citizenship, by those who, at the date of expiry of the call, are in possession of the qualification specified in art. 1 or a suitable foreign qualification or by those who obtain the qualification required for admission by October 31, 2017, on penalty of forfeiture from admission if the selection is successful.

The equivalence of the foreign qualification is ascertained by the PhD Committee on the basis of the documentation presented by the candidate together with the application for admission to the admission competition (*).

For lack of the requirements, the exclusion from the procedure with a note of the person in charge of the procedure can be arranged at any time; any admission must therefore be considered in any case made with reserve.

Research projects funded with a PhD scholarship in
"Cellular and Molecular Biotechnologies"

1. The research projects covered by scholarships funded by UnivAq are the following:

a) Project 1 UNIVAQ: development of relaxometry methods and use of contrast agents for the characterization of neurodegenerative diseases.

b) Project 2 UNIVAQ: study of biomarkers of genotoxicity and genetic polymorphisms in vitro systems and in subjects exposed to environmental factors.

c) Project 3 UNIVAQ: analysis of compounds with neurotrophic activity in model systems of neurodegeneration.

2. The research project covered by a scholarship funded by the IZSAM reserved for graduates of foreign universities is as follows:

d) Project 1 IZSAM: biomolecular epidemiological studies for the characterization and evaluation of foodborne diseases spread in animal-derived food in Zambia.

3. The research projects covered by scholarships financed by UniTe are the following:

e) Project 1 UNITE: potential role of amniotic stem cells and synovial fluid stem cells in the treatment of equine osteoarthritis.

f) Project 2 UNITE: study of molecular and biochemical mechanisms involved in the signalling transduction pathways of nervous system inflammatory pathologies.

g) Project 3 UNITE (reserved for graduates from foreign universities): tumor-stroma interaction mechanism.

4. The research project reserved for employees of the Center for Reproductive Medicine in Mainz (Germany) is as follows:

h) Project 1 MAINZ: evaluation of mechanisms involved in sperm-oocyte recognition for the optimization of IVF and ICSI protocols.

Candidates interested in scholarships will have to present, together with the application, a specific research project on one of them.

Research projects funded with a PhD scholarship in
"Food Sciences"

The research projects covered by scholarships funded by UniTe are the following:

1) Project 1 UNITE: DEVELOPMENT OF INNOVATIVE INGREDIENTS WITH HIGH HEALTH AND TECHNOLOGICAL FUNCTIONALITY.

The PhD project aims to develop formulations and technologies for the production of additives and innovative ingredients for health and technological properties through processes of concentration, encapsulation, dehydration and milling (ball-milling). Extracts of plant origin (fruit and vegetable juices) of algae also obtained from organic raw materials will be used. A period of research dedicated to research topics is expected at a foreign institution (University or research laboratory) of at least 6 months.

Development of innovative ingredients with high functional health and technology

This Ph.D. project aims to develop and develop new technologies for the production of additives and innovative ingredients. Cold concentration processes, encapsulation, dehydration and milling processes (ball milling) will be applied. Encapsulated extracts of plant (fruit and vegetable juices) of algae will also be produced from organic raw materials. An internship in an institution (University or research laboratory)

2) Project 2 UNITE: OPTIMIZATION AND APPLICATION OF BIOCONSERVANTS TREATMENTS

FOR IMPROVING SAFETY AND SHELF-LIFE OF FOOD.

Food safety and shelf-life together with the reduction of food waste are now a primary objective of the food industries, also in response to consumer needs. Bioconservation through plant extracts and natural substances is recognized as a valid alternative to drastic conservation technologies and the use of synthetic preservatives.

The project aims to develop and optimize a bioconservative blend or emulsion, and to develop bioconservative treatments that limit the concentrations of plant extracts to be applied and their impact on different food matrices. A first phase will involve the study and retrieval of plant extracts and other bioconservatives. At the same time, it will be essential to evaluate the physiological response of altering and pathogenic microorganisms to the applied treatment, both in vitro and in conditions that simulate those found in foods. Finally, once the bioconservative treatment has been applied, chemical-physical, technological and sensory analyzes will be carried out to assess the impact on the product and allow to determine or improve its acceptability. Although moving in the mainly microbiological field, the project therefore proposes itself as multi-disciplinary, and aims at obtaining concrete and applicable results.

Food safety and shelf-life, together with waste reduction, are the main objective of food industries, especially as a response to consumers' demand.

Biopreservation by means of plant extracts and natural compounds has been recognized as a promising substitute for severe technological treatments and chemical preservatives. The aim of the project is the development of a biopreserving blend or emulsion, and the optimization of biopreserving treatments to reduce the impact of the plant extracts on food matrices. After a first step, the research will analyze the physiological response of the spoilage and pathogenic microorganisms to the applied treatments, both in vitro and in food environments. Lastly, once applied the biopreserving treatment on food products, physical-chemical, technological and sensory analyses will evaluate its impact in situ. Although the principal area of investigation would be microbiology, the project is characterized by a multidisciplinary approach and aims at achieving concrete and applicable results.

3) Project 3 UNITE: EVALUATION OF THE TECHNOLOGICAL EFFECT ON HIGH NUTRITIONAL COMPOUNDS IN FOODS AND THEIR IMPACT ON CERTAIN PARAMETERS RELATED TO HUMAN HEALTH.

This project has two aspects: the development of methodologies for the identification and evaluation following technological treatments of polyphenols and / or complex carbohydrates in food and the evaluation of their impact on human health by selecting appropriate markers. Through the UHPLC-MS / MS and MALDI-TOF / MS systems the whole pattern of polyphenols and carbohydrates will be studied in selected foods. Among the various markers will be made of methods for the measurement in plasma and urine of oxidative stress markers such as, for example, F2-isoprostanes (F2-IsoP).

Evaluation of technological effect on nutritional components

This project has two aspects: the identification and the evaluation of their impact on human health by selecting suitable markers.

Using UHPLC-MS / MS and MALDI-TOF / MS the entire pattern of phenolic compounds and complex carbohydrates will be studied. As markers for in vivo studies, F2-isoprostanes (F2-IsoP) in plasma and urine has emerged as a reliable approach to assessing oxidative stress, but also different strategies will be investigated.

4) Project 4 UNITE: CONSERVATION OF BIODIVERSITY PRESERVATION AND VALORISATION OF THE PRODUCTION POTENTIAL OF LOCAL GENETIC RESOURCES.

objectives:

- a) Implement a study plan for the conservation of the biodiversity of the genetic resource
- b) Genetic characterization of the breed or genetic types
- c) Study of productive and reproductive parameters of animals
- d) Characterization and exploitation of products.

conservation and preservation of biodiversity in order to enhance the productive potential of the local animal genetic resources.

Objectives:

- a) Realize a study plan for biodiversity conservation of the genetic resource
- b) Genetic characterization of breeds or genetic types
- c) Study of productive and reproductive performances of animals
- d) Characterization and valorisation of food products

5) Project 5 UNITE: MULTISTARTER OF LACTIC BACTERIA AND YEASTS FOR FERMENTED FOODS.

Many fermented foods (cheese, sour dough, table olives, wine, beer) benefit from spontaneous fermentation carried out by mixed populations of lactic bacteria and yeasts. There are many scientific studies that report the selection of strains belonging to these two microbial groups, but few studies have addressed this issue by evaluating the factors that influence the communication between yeasts and bacteria, their impact on the performance of the starter, on the quality of the finished product and on the vitality and functional characteristics of the strains in case of applications for the production of functional foods. The aim of this project is to study and select combinations of lactic acid bacteria strains and yeasts to be used as starters for the production of fermented foods by applying transcriptomics and metabolomics approaches.

Mixed starters of lactic acid bacteria and yeast for fermented foods.

Many fermented foods (cheeses, sourdoughs, table olives, wine, beer) Benefits of spontaneous fermentation processes dominated by mixed populations of lactic acid bacteria and yeasts. Many studies dealt with the selection of strains microbial groups, but very few studies approached the problem by evaluating the factors affecting yeasts-bacteria communication and their impact on starter performances and the overall food-quality or on strains viability functionality in case of applications for functional food production. By applying a metabolic and transcriptomic approach, this project aims to evaluate and select yeasts-lactic acid bacteria to be applied in the field of fermented foods.

Candidates interested in scholarships will have to present, together with the application, a specific research project on one of them.

Research projects with themes financed with a PhD scholarship in "Veterinary medical sciences, public health and animal welfare "

The research project covered by a scholarship funded by the IZSAM reserved for graduates of foreign universities is as follows:

Project 1 IZSAM: Biomolecular epidemiology related to *Mycoplasma mycoides mycoides* strains isolated in countries of southern Africa.

Contagious Bovine Pleuro-Pneumonia (PPCB) is a high-diffusivity bovine respiratory

disease caused by *Mycoplasma mycoides mycoides* (Mmm). The disease is endemic in many sub-Saharan African countries.

The PPCB has a strong economic impact due to animal death, loss of productivity and the lack of possibility to export live animals. In Africa, for example, the native herds record losses of up to 80% and the surviving heads often become chronic carriers with a reduced production of milk and meat. FAO reports indicate that 675 million people living in rural areas are traditional breeders and depend on livestock for their survival. 70% of these have an unsatisfactory diet. The PPCB in several cases is one of the causes of this malnutrition. Numerous African countries invest significant amounts for the control and eradication of the disease. In order to improve the effectiveness in the control and eradication of PPCB, it is important to understand the epidemiology of the disease in the southern region of Africa where disease-free countries and countries where it is endemic coincide. The possibility, starting from infected material, coming from different countries of the area, isolating Mmm strains and using biomolecular techniques to differentiate and geographically characterize them, would allow to understand which animal flows related to trade or pastoralism can play a role in the perpetuate the PPCB in this region.

Therefore, the aim of the doctorate would be to isolate Mmm strains and correlate them to the clinical and anatomo-pathological pictures in order to verify their pathogenicity. The isolation of the isolated Mmm strains, coming from different countries of the southern region of Africa, would be carried out using "traditional" bacteriological methods. For diagnostic confirmation we will rely on molecular methods, such as conventional PCR, Real time PCR and Multiplex PCR.

The isolates will be characterized, from a molecular point of view, by complete sequencing of the genome with Next Generation Sequencing (NGS) Next Seq 500 (Illumina) and third-generation Min Ion (Oxford Nanopore) platforms. The data produced will be analyzed with bioinformatic analysis pipelines, published in online databases and compared with the available sequences of other strains in order to carry out epidemiological and phylogenetic studies for tracing the outbreak

Research projects with themes financed with a PhD scholarship in
"History of Europe from the Middle Ages to the Contemporary Age"

The research projects covered by scholarships funded by UniTe reserved for graduates of foreign universities are as follows:

- 1) Project 1 UNITE: The world of the Habsburg Monarchies (XVIth-XIXth centuries).
- 2) Project 2 UNITE: Political, Religious and Cultural Identities in the European History (XIVth-XXth Centuries).

"PON Innovative Doctorates with industrial characterization" additional scholarships

The University of Teramo participates in the call "PON Innovative Doctorates with industrial characterization" with proposals for the assignment of additional scholarships within the scope of all doctorate courses as per art. 1.

Some topics related to these proposals are reported:

Doctoral course in "History of Europe from the Middle Ages to the Contemporary Age"

PON 1) Harmonic Strings (CordA)

The project consists in the study of the history of the production of harmonic strings in Abruzzo and in particular in the municipalities of Salle and Bolognano (Pescara), from the late nineteenth century to the present day. CordA is a three-year project that provides for the research activity of the PhD student carried out in collaboration with the historians of UniTe, the musicologists of a prestigious foreign institution and an important cordara company from Abruzzo. The research will take into consideration the economic, organizational and technical developments of the Abruzzo-based companies. In terms of industrial applications, the training path will allow the student to: a) acquire a set of interdisciplinary and cross-sector knowledge and skills; b) to learn and experiment with an innovative methodology for the study of economic history in order to obtain a better knowledge of the past and to valorize (in terms of originality, typicality and respect for philological criteria) the products and production processes of Abruzzo's historic crafts with a view to developing industrial activities based on knowledge.

PON 2) Interactive historical map of Aquilana (CaSIA)

The project consists in the reconstruction of the urban evolution of the city of L'Aquila through the study of historical cartography and archival sources and the application of the most modern technologies for the virtual reproduction of urban spaces and architecture. The research aims to study the major transformations of the urban fabric of L'Aquila from the Middle Ages to the contemporary age (especially those that occurred following the numerous seismic events that struck the capital of Abruzzo) and the digital and interactive representation of this evolution. The CaSIA project provides for the research activity of the PhD student carried out in collaboration with the historians of UniTe, the technicians of the company ESRI Italia spa (Italian headquarters of the world leader of Geographic Information Systems) and the scholars of a prestigious foreign laboratory specialized in digital reconstruction of urban spaces and architectures.

In terms of industrial applications, the training program will allow the research doctor to acquire a set of interdisciplinary and inter-sectoral knowledge and skills and to develop an innovative methodology to study and narrate the evolution of the urban structure of L'Aquila (with the help of the GIS, of digital cartography and 3D technology), with the aim of patenting a format to be marketed as a mobile application (App).

PhD course in "Food Sciences"

- PON 1) production of foods with high nutraceutical value;
- PON 2) process and product optimization to improve the technological functionality and sustainability of production;
- PON 3) development of rapid methods for food quality and safety;
- PON 4) effect of xenobiotics on food production.

PhD Program in "Cellular and Molecular Biotechnologies"

- PON 1) coffee innovation for the treatment of tendon disorders: Amniotic derived cells and cells derived from the development of a new generation of hyaluronate functionalized biocomposites;
- PON 2) Innovation of In vitro fertilization technique;
- PON 3) Biocompatible and composite scaffolds integrated with customizable nanoconstructs for the delivery of therapeutic agents for the treatment of tendon inflammation and regenerative processes;
- PON 4) Development and test of in vitro and in vivo activity of Antibody-Drug-Conjugates

(ADC);

PON 5) Development of nutritional formulations for the therapy of ovarian dysfunction of polycystic ovarian syndrome (PCOS): evaluation of biomarkers in the ovary microenvironment using a PCOS animal model.

Candidates who present a research project related to one of the above mentioned topics will in any case be included in a single merit ranking for each PhD program.

Admission tests

The admission exam is aimed at ascertaining, through appropriate comparative assessment, the basic preparation acquired and the candidate's aptitude for scientific research.

Admission to PhD courses is based on qualifications and exams and is divided into two phases.

In the first phase, the Academic Board, gathered in plenary or restricted form, proceeds to evaluate the following qualifications, giving each candidate a maximum score of 20 points according to the following breakdown:

1) PhD in "History of Europe from the Middle Ages to the Contemporary Age".

a. abstract of the thesis (minimum length of the abstract 2,000 - maximum 8,000 characters including spaces): maximum 4 points;

b. quality of the research project, consistent with the course topics, developed by the candidate (minimum length 8,000 - maximum 10,000 characters including spaces): maximum 8 points;

c. scientific curriculum vitae (university career including examinations with the specific indication of individual grades and relative average - 1 letter of reference from a university professor or qualified scholars of recognized prestige, any professional experience, training and / or research degree of knowledge of foreign languages and other qualifications held): maximum 4 points;

d. possible publications: maximum points 4 - it is specified that only scientific publications with ISBN or ISSN will be evaluated.

2) PhD in "Cellular and Molecular Biotechnologies".

a. abstract of the thesis: maximum points 4;

b. research project developed by the candidate, consistent with the course topics: maximum 6 points;

c. scientific curriculum vitae (university career including examinations with the specific indication of individual grades and the relative average - letter \ and reference of university professors or qualified scholars and any professional, training and / or research experience, degree of knowledge of foreign languages and other titles held): maximum points 4;

d. possible publications: maximum points 6.

3) PhD in "Food Science".

a. scientific curriculum vitae and university career including profit exams with specific indication of individual grades and relative average: maximum 8 points;

b. letter \ and reference of university professors or qualified scholars and any professional experience: maximum points 1;

c. possible publications: maximum points 1.

d. quality of the research project proposal developed by the candidate, consistent with the course topics: maximum 10 points.

4) PhD in "Veterinary medical sciences, public health and animal welfare".

to. abstract of the thesis: maximum points 8;

b. research project developed by the candidate, consistent with the course topics: maximum 6 points;

c. scientific curriculum vitae (university career including examinations with the specific indication of individual grades and the relative average - letter \ and reference of university professors or qualified scholars and any professional, training and / or research experience, degree of knowledge of foreign languages and other titles held): maximum points 4;

d. possible publications: maximum points 2.

At the second stage (oral exam) candidates are admitted who have achieved a minimum score of 12 points, the list of which will be published, after the evaluation of the qualifications, on the University website.

The oral test will consist of an interview of the candidate before the Academic Board, gathered in plenary or restricted form, aimed at verifying the knowledge on the PhD themes and the contents of the proposed research project, which is not binding for the research activity to be carried out during the course. During the interview the knowledge of the English language is always checked. The interview can take place entirely in English if requested by the candidate. The interview can be carried out electronically when requested during the submission of the application by the candidate domiciled abroad or by the candidate with disabilities or for proven reasons that justify the appeal. The maximum score attributable to each candidate for the oral exam is 40 points. At the end of the interview the Teaching Committee will proceed to identify the suitable candidates who will be placed in the general ranking, expressed in sixty, based on the sum of the scores obtained by the candidates in the evaluation of qualifications and in the interview. The diary of the oral examination, with the indication of the day, time and place where it will take place, will be published on the University website, at least 7 days before the test. To support the interview candidates must present themselves with a suitable identification document.

Application and submission deadline

To participate in the contest of this announcement, the candidate must complete and submit the appropriate application - complete with all attachments - using only the online procedure on the University website (www.unite.it).

The application must be submitted no later than midnight on 31st August 2017.

The candidate can submit only one application for each PhD course.

The notice concerning the announcement will be published in the Official Gazette of the Republic while the full text of the call will be published on the University website and also will be assured advertising on the website of the Ministry of the University and on the Euraxess website.

In the application form, the interested party must declare under his own responsibility:

1. the surname and the name;
2. date and place of birth;
3. the tax code;
4. the residence, with the indication of the street, of the street number, of the city, of the province, of the zip code;

5. citizenship;
6. the right to reserve excess seats;
7. the degree or diploma obtained, or the university at which it was obtained or at which it will be achieved, as well as the date of achievement, or the qualification obtained abroad and recognized as equivalent by the competent authorities to in accordance with current legislation;
8. declaration to certify whether the total personal gross income is above or below " 15,000.00 per annum for possible use of the scholarship;
9. the language between English or Italian with which to take the oral test;
10. the procedure of the interview if in presence or remotely with the indication of the Skype contact;
11. the email address where you want to be sent any communications relating to this procedure, as well as the telephone number and email address and the commitment to communicate any subsequent changes.

Candidates must also present the following attachments all in pdf format:

- signed identification document: identity card (for EU citizens) or passport, showing the pages with the photograph, the personal data, the number, place and date of issue, the expiry date and the stamp of the competent authority.
- card showing the tax code;
- abstract of the thesis (maximum 4 pages);
- scientific curriculum vitae preferably on the Europass model;
- letter \ and reference to university professors or qualified scholars;
- research project developed by the candidate, consistent with the course topics, which may not be binding for the research activity to be carried out during the course;

Candidates may also submit other attachments:

- publications;
- other qualifications deemed useful for evaluation (professional experience, documentation related to awards, scholarships, training activities, research experiences, specializations, masters, etc.).

The aspiring candidates with disabilities, to obtain, in accordance with the provisions of art. 20 of the law of 5 February 1992, n. 104, the granting of the necessary aids in relation to their different skills, as well as any additional time required for conducting the examination, will have to attach the relative medical-health certification to the application form.

Without prejudice to the cases of exclusion expressly indicated in the announcement, the application may be requested at any time to be formally irregular due to defective, inaccurate, incomplete or non-compliance with the requirements of this announcement.

The Administration assumes no responsibility for the dispersal of communications due to erroneous indication of the address by the candidates or failure or late communication of the change of address indicated in the application or for any electronic problems or in any case attributable to third parties, at random fortuitous or force majeure.

Admission to the course

The rectoral decree approving the acts and the relative rankings will be published on the University website.

Candidates will be admitted to the course according to the ranking order up to the number of places available.

Candidates admitted to attend the course must, under penalty of forfeiture, submit to the Research Training Office the application for registration, using the appropriate form also available electronically on the University website, duly completed and signed, within the term peremptorial days 10 (ten), starting from the day following the publication of the final merit list. In case of a useful placement in rankings of different doctoral courses, the candidate will have to exercise an option for only one doctoral course.

Those who do not regularize registration within the deadline will be considered forfeiters. Those who have issued false declarations will be declared forfeited.

In case of renunciation or forfeiture, the candidate who will take the position following the resignation or lapse will take over.

The takeover will also occur if any of the candidates were to resign within three months of the actual start of the course.

Reserve places for graduates from foreign universities

For each PhD program there is a reserve of two places in favor of graduates who have obtained the qualification to enter the PhD course at a foreign University.

To promote the candidacies, the University of Teramo assures, for the entire legal duration of the PhD program, a mobility fee of 500 euros per month, for a total amount of 18,000 euros, for the reimbursement of expenses incurred by the PhD student .

Contributions for access and attendance of courses

All PhD students are required to pay " 140 per year, regional tax in favor of the Company for the Right to University Studies, together with the amount of the stamps, " 32 for the first year, " 16 for the second and third year and 32 euros for the release of the parchment. All payments must be made via MAV, generated in the appropriate section of the University website.

Scholarships

The financial support is awarded to the candidates according to the merit list up to the number of forms of support provided.

In case of forfeiture or renunciation within three months of a candidate the next candidate will take over according to the ranking. If the resignee has already received a scholarship, he is obliged to return them.

The criteria for assigning the various types of scholarships, even with specific themes and dedicated funding, are established by the Academic Board, according to the requisites requested and the attitudes of the winners.

The scholarships have an annual duration and are renewed on the condition that the candidate has completed the program of activities planned for the previous year as verified by the Academic Board.

The amount of the scholarship, to be disbursed in deferred monthly installments, is determined in euro 13,638.47 gross of charges to be paid by the doctoral student provided for by current legislation.

The scholarship of the research doctorate is subject to the payment of INPS social security contributions to separate management in accordance with Article 2, paragraph 26, of the Law of 8 August 1995, n. 335, and subsequent amendments, to the extent of two thirds to be borne by the administration and one third by the scholarship holder. Doctoral students

enjoy protection and related rights.

This amount is increased to a maximum of 20 percent, for a maximum period of 18 months and a minimum of 30 days, if the doctoral student is authorized by the Academic Board to carry out research abroad.

Starting from the second year, each student is guaranteed a budget for research activities in Italy and abroad within the existing financial resources.

The scholarship recipient must have a gross annual total personal income not exceeding " 15,000.00 in the years of prevalent use of the scholarship. The exceeding or not of this income limit must be declared by the scholarship beneficiary under the D.P.R. December 28th 2000, n. 445.

The determination of this income, which is that related to the year of awarding the scholarship, contributes income of patrimonial origin deriving from annuities and interests as well as emoluments of any other nature of a recurring nature, with the exclusion of those of an occasional nature or deriving from military service of lever.

The scholarship can not be combined with any other scholarship, except with those awarded by national or foreign institutions aimed at integrating, with stays abroad, the training or research activity of the PhD students; in this case the right to the expected increase in the scholarship is lost.

Anyone who has already obtained a PhD or equivalent qualification may be admitted to attend a different doctoral course, provided that the selection tests are passed. Those who have already benefited, even partially, from a scholarship for attending a doctorate course, can not use them a second time.

Obligations and rights of doctoral candidates

The student holds the status of a university student for the entire period of attendance of the course.

Doctoral students are obliged to carry out study and research activities according to the procedures established by the Academic Board.

The PhD students, as an integral part of the training project, can carry out, prior authorization from the Academic Board and without this leading to any increase in the scholarship, tutoring activity of the students of the undergraduate and master's degree courses, as well as within the maximum limit of 40 hours in each academic year, supplementary teaching activity.

The current provisions protecting maternity and paternity apply to doctoral candidates. During the legal term of the Ph.D. program, the enrollment to another PhD program, to a degree course, to a specialization school or to a UniTE or other University master is forbidden.

In the case of justified impediments that do not allow the student to attend the course, the right of the interested party to continue the PhD course is not lost. Any absence and the reasons that have determined them will be assessed, for the purpose of suspension, by the Academic Board. In particular, in the event of a serious and documented illness, frequency of active training in teacher training (TFA), or other serious and documented reasons, the suspension may be applied by the Faculty Board at the request of the PhD student.

The exclusion from the research doctorate is decided by the Academic Board in case of non-admission to the following year which may occur following the non-achievement of the training and research results or for the incompatibility with the work activities carried out without authorization o for unjustified and prolonged absences.

The title of research doctor, abbreviated with the words "Dott. Ric. "Or" Ph.D. ", is issued

following the positive evaluation of a research thesis that contributes to the advancement of knowledge or methodologies in the chosen field of investigation.

Responsible for the procedure

Pursuant to the law of 7 August 1990, n. 241, the person in charge of the procedure referred to in this announcement is dott. Sergio Altitonante - Research Area - Research Training Office - for information: tel. 0861/266307 - 0861/266335 - dottorati@unite.it.

Processing of personal data

All personal data submitted by candidates with requests to participate, pursuant to art. 11, paragraph 1, of the legislative decree 30 June 2003, n. 196, will be processed exclusively for the purposes of management of this procedure.

The provision of such data is mandatory. The information thus acquired may be communicated to other public administrations and to competent bodies in the control of any substitutive declarations made by the aspiring candidate.

The interested party also enjoys the rights set forth in art. 7 of the aforementioned legislative decree, including the right of access to data concerning him, the right to correct, update, complete or delete incorrect, incomplete or collected data in terms that do not comply with current legislation, as well as the right to object to their treatment for legitimate reasons.

The Data Controller, in relation to which the rights mentioned in the preceding paragraph may be asserted, is the Rector of the University of Teramo, in his capacity as legal representative of the same body.

postponement

For what is not provided for by the present call for proposals, reference is made to the legislation currently in force on the subject.

THE RECTOR
Luciano D'AMICO

(*) Academic qualification obtained abroad: the university degree obtained abroad must be comparable to the master's degree by duration, level and subject area. In compliance with this principle, the Faculty Committee will decide on their admissibility. Candidates with a foreign qualification that has not yet been declared equivalent (1) to an Italian degree will make an implicit request for the qualification of the degree in the application for admission to the competition, attaching the following documents to the application: certificate relative to the academic qualification with exams passed and the corresponding vote (EU citizens can submit a substitutive declaration of certification as required by Presidential Decree No. 445 of 28.12.2000 and subsequent amendments, translation into English, if the document is not already in that language, the certificate on the academic qualification obtained, with the indication of the exams taken and the related marks, signed under his own responsibility, in order to allow the Faculty Board to evaluate their suitability, exclusively for the purposes of participation in the present competition; deemed useful for assessing the

admissibility of the title held for participation in the competition (Diploma Supplement (2), or declaration of value on site (3), etc.). Candidates with an academic qualification that has not been awarded in Italy will be presented to the Research Training Office by February 28, 2018: the on-site Declaration of Value together with the certificate of the title with exams and grades, translated and legalized from the Italian diplomatic representations of the country to which the institution that issued it belongs. The Declaration of Value must certify that the qualification held is valid in the country of achievement for enrollment in an academic course similar to the research doctorate; or, if the above mentioned Declaration of Value is not yet ready for the indicated date, a document proving that the request for release has been presented to the relevant diplomatic mission; in this case the student must subsequently deliver the original Declaration of Value as soon as it is available; or, as an alternative to the Declaration of Value, the Diploma Supplement in English, drawn up according to the model developed by the European Commission, the Council of Europe and UNESCO / CEPES. In the absence of these documents it will not be possible to obtain the title of Doctor of Research.

(1) For more information visit the web page <http://www.cimea.it/default.aspx?IDC=113>.

(2) Diploma Supplement means a document attached to a higher education diploma with the aim of improving international "transparency" and facilitating the academic and professional recognition of the qualifications obtained (diplomas, degrees, certificates, etc.). The Diploma Supplement must be issued by the same institution that issued the title. Further details on the website: http://ec.europa.eu/education/lifelong-learning-policy/doc1239_en.htm.

(3) The Declaration of Value is issued by the competent Italian Diplomatic Representatives abroad (Embassies / Consulates). For more information visit <http://www.cimea.it/default.aspx?IDC=118>.