

**NOTICE OF PUBLIC SELECTION FOR THE ADMISSION TO THE PH. D. PROGRAMMES
WITH ADMINISTRATIVE SEAT AT THE UNIVERSITÀ DEGLI STUDI MAGNA GRÆCIA DI
CATANZARO A.Y. 2019/20**

**PLEASE NOTE: THE OFFICIAL VERSION OF THIS CALL IS IN ITALIAN AND IS
AVAILABLE ON THE MAGNA GRÆCIA UNIVERSITY WEBSITE
THIS TRANSLATION CANNOT BE USED FOR LEGAL PURPOSES AND IS ONLY MEANT TO
PROVIDE INFORMATION IN ENGLISH ON THE CALL FOR APPLICATIONS**

THE DEAN DECLARES

Art. 1 – Accreditation

The following three-year-long Ph. D. programmes have been planned by the Catanzaro *Magna Graecia* University for academic year 2019/20 (XXXV cycle):

BIOMARKERS OF CHRONIC AND COMPLEX DEASESES

Curricula:

- Analysis of imaging data, neurophysiological biosignals and molecular profiling for the identification of biomarkers applied to Neurosciences
- New biomedical technologies for identifying dysmetabolic and nutritional disease markers
- Molecular and physiopathological aspects of chronic-degenerative and inflammatory diseases
- Chronic cardio-pulmonary diseases and biotechnological and engineering solutions for regenerative medicine
- Methods and techniques of computer engineering for processing, management and for efficient analysis data

MOLECULAR AND TRANSLATIONAL ONCOLOGY AND INNOVATIVE MEDICAL-SURGICAL TECHNOLOGIES

Curricula:

- Molecular oncology
- Biomedical engineering, systems and nanotechnologies applied to oncology
- Medical and translational oncology
- Innovative technologies and therapies in urological and gynecological surgery and fertility preservation

LIFE SCIENCES

Curricula:

- Pharmaceutical Sciences
- Toxicology and food sciences
- Biotechnologies
- Infection, immunological, dermatological sciences and public health

EUROPEAN LEGAL AND ECONOMIC SYSTEMS

Curricula:

- *Theory and history of law:* sociality and public sphere supranational
- Laws, protections, markets: negotiating autonomies and business disciplines
- Companies, institutions and markets in the European Union
- Migration, European health systems and protection of fundamental rights – MISED

Art. 2 – Public Selection Announcement

We hereby announce the public selection, through competitive examinations, for admission to the 2019/20 Ph.D. programmes listed in the above art. 1 of the present Call for Applications.

For each of the Ph.D. programmes, **Annex A – Details of A.Y. 2019/20 Ph.D. Programmes, integral part of the present call for applications**, outlines the scientific-disciplinary sectors and the academic fields, educational objectives, proposed *curricula*, duration, name of the Coordinator, degrees required for admission, the specific requirements required for admission to the POR grants and the titles of the research programs to be carried out, number of positions and scholarships offered, project details, date and venue of the qualifying examinations, dates of results publication for qualifications evaluation and foreign language requirement.

The present Call for Applications acts as official notification. Amendments, updates or additions will be published **exclusively on the website of the University at the address** <http://web.unicz.it/it/category/dottorati-di-ricerca>.

Candidates must present, under penalty of exclusion, a research project that must be inherent to the topics related to the educational objectives described for each course in Annex A of this announcement, with reference to the chosen curriculum. The project must be drafted according to the details indicated for each PhD course in the aforementioned Annex A; the research project can be presented in English or in Italian. The research project developed by the candidate does not oblige the Ph.D. Teaching Body on the subsequent assignment of the Doctoral thesis.

The number of positions available is inclusive of n.5 POR grants, of a three-year duration, of which 12 months to be compulsorily carried out abroad within the thirty-third month of PhD in international prestigious scientific organizations.

The POR scholarship holders must be born in Calabria or residing there for at least 2 years at the date of submission of the application for participation in the competition announcement and must have all the specific requirements indicated for each research program in Annex A of this competition.

For all further information, details and obligations on the POR grants, see the Italian version of the announcement.

The deadline for submitting the final accounts of the aforementioned grants, including all final exams, is mandatorily fixed for University on 31.07.2023, subject to the repayment of the financial resources allocated. Admission to the PhD courses with the relative scholarship will be carried out with a rectoral decree, on the basis of the general merit ranking, in particular:

- **priority will be given to the POR Grants** according to the ranking order in the general ranking, to the best candidates who have applied for it and who are in possession of all the requisites required for the chosen research program;
- **the scholarships funded by the University will subsequently be awarded**, according to the ranking order in the general ranking;
- **at last positions without grant.**

Art. 3 – Admission requirements

Anybody possessing a “laurea magistrale” belonging to one of the degree classes indicated in the respective programme profile, that is a degree obtained under regulations prior to Italian D.M. 509/1999, approved with D.I. 9 July 2009, or any suitable foreign degree, **as well as those who will obtain at an Italian University the required qualifications for admission by no later than 31 October 2019** (failure to do so will result in exclusion from the selection process), may apply to take part in the selection process for admission to the Ph.D. programmes listed in **Annex A – Details of A.Y. 2019/20 Ph.D. programmes**, without age or citizenship limits.

Foreign qualification suitability will be established by the Ph.D. committee following the guidelines and current regulations in Italy and in the qualification issuing country, as well as of treaties or international agreements on qualification recognition for further study and will have to be confirmed by the Academic Senate.

In the case of a qualification obtained abroad, candidates must attach to their application any document which might be relevant to the assessment, translated and certified by the relevant Italian bodies in the country of origin, and following current regulations for the admission of foreign students to Italian University post-graduate programmes.

Anyone expected to obtain their Italian degree in the period between application and the **31 October 2019 will be admitted conditionally and will be expected to present to Area Affari Generali, University Magna Graecia of Catanzaro, within five (5) days from the obtainment of the qualification, and in any case and no later than 5 November 2019 a statement in lieu of the certificate**, containing the name of the qualification issuing University, the date of obtainment, the type of diploma (*vecchio ordinamento, specialistica/ magistrale*) and relative marks, accompanied by a valid piece of ID, exclusively **via email** at affarigenerali1@unicz.it or affarigenerali@cert.unicz.it. Failure to do so will result in their exclusion.

The POR scholarship holders must be born in Calabria or residing there for at least 2 years at the date of submission of the application for participation in the competition announcement and must have all the specific requirements indicated for each research program in Annex A of this competition.

The POR scholarship holders must compulsorily carry out abroad 12 months within the thirty-third month of PhD in international prestigious scientific organizations.

Art. 4 – Applications procedures

Candidates may apply for more than one Ph.D. programme but they may choose only one curriculum for each programme. Failure to do so will result in their exclusion.

Candidates wishing to apply for more than one Ph.D. programme must present separate applications, **one for each Ph.D. programme they are applying for.**

In case of application to more than one Ph.D. programme, it is necessary to **declare in each application the order of priority of the Ph.D. programmes applied for; such order must be identical in each of the application forms; failure to comply will result in exclusion.**

Should the candidate result suitable for more than one Ph.D. programme, the order of priority expressed in their application will, through declaration in lieu of affidavit, be considered a binding criterion for programme admission.

Candidates wishing to participate for a POR grant must **REQUIRED** to present only in paper format the "Domanda Borsa POR " (Attachment B to this announcement), duly completed and signed; the "Domanda Borsa POR" contains the explicit request for admission to POR grant and the declaration of the commitments undertaken; the "Domanda Borsa POR" must be presented in the manner indicated on the following pages 4-5 of this announcement; candidates wishing to participate for a POR grant must **REQUIRED** to present also the research project.

Candidates who intend to participate for a POR grant must choose, under penalty of exclusion from admission of the POR grant, a single research program that must **OBLIGATORY** within the chosen curriculum for admission to the selection.

Applications for participation in the competitive selection examination **must be sent both in electronic and paper format** (a print-out of the online application) **to the following addresses:**

- **electronic format** by logging in to the **online application**, which will be available from the day following the publication of the present call for applications on the University website:
<https://unicz.esse3.cineca.it/Home.do>.

The procedure involves an initial registration, after which you print the memo containing username and password for login to the Web portal.

However username and password will also sent via email from the email address "helpesse3@unicz.it".

N.B. It is required indicate a valid email address in order to recover the credentials in system Esse3 and for any communications.

For online application is available a Short Guide for admission to PhD announcement a.y. 2019/20 on the website at the following address <http://web.unicz.it/it/category/dottorati-di-ricerca>.

N.B. When you finish filling out online procedure and click on "COMPLETA AMMISSIONE AL CONCORSO" the application can not be modified, and you can not cancel the process .

Please note that for any technical problem, while filling the online application form, you can send a ticket: <http://www.asi.unicz.it/helpdesk/>.

Online applications will automatically close at 12:00 (Italian time) on the deadline date of the present call for applications.

The closing date is peremptory and it is responsibility of the candidate to check the correct conclusion and sending off of the online application.

Candidates are strongly advised not to wait until the last few days for application. The University declines any responsibility due to technical problems, overload, or other, in its application and communication systems which may cause a delay in applications.

- **in paper**, a print-out of the online application, on standard paper, must be delivered by hand, by courier or by registered post with notification of receipt, **within and no later than the deadline of the present call for applications**, to the following address: Magnifico Rettore - Università degli Studi Magna Graecia di Catanzaro – Ufficio Protocollo, Edificio Direzionale, Campus universitario, Viale Europa, Loc. Germaneto - 88100 Catanzaro.

Applications must be received within and no later than thirty days from the date of publication of the present Call for Applications on the website of the University at the following address: <https://web.unicz.it/it/category/bandi-ateneo> in one of the following ways:

a- hand delivered, personally or by courier, within and no later than the above-stated deadline to the Ufficio Protocollo dell'Università degli Studi Magna Graecia di Catanzaro, located on the ground floor of the Edificio Direzionale, University Campus, Viale Europa, in the area of Germaneto, Catanzaro, in the following opening hours:

Monday to Friday, from 9.00 to 12.00

Monday and Tuesday from 15.00 to 16.00.

b-sent by registered post with notification of receipt, within and no later than the above stated deadline.

In accordance with article 2 of D.P.R. n. 1077/70, the stamp and date of the post office will be proof of conveyance. In any case, and even where sent on time, applications which for whatever reason will arrive later than 7 (seven) days after the deadline will not be considered.

No complaints are accepted for late applications. Applications sent by priority post will not be accepted.

Application delivery is at the exclusive risk of the sender, should the application, for whatever reason, not get to destination in time.

Should the deadline fall on a public holiday, it will be extended to the next closest working day.

In their application form, candidates must state clearly and truthfully, under their own responsibility:

- their personal details, date and place of birth, tax payer number, citizenship, home and contact addresses;
- the exact title of the Ph.D. programme applied for and the chosen *curriculum*;
- the degree possessed, stating the result, date and issuing University, or the academic qualification obtained from a foreign University, or for those in the process of finishing their degree, a statement declaring the candidate's commitment to providing the declaration in lieu of degree certificate by the 31.10.2019;
- that they undertake the Ph.D. on a full-time basis, without prejudice to art. 12, c.1, of D.M. 45/2013;
- that they commit to informing the University in a timely manner of any changes to their home or contact address;
- that they have read and accepted all clauses of the call for applications, and in particular that they are aware that the selection procedures will follow the calendar set out in **Annex A, which acts as official convocation for the exams themselves without further notice, and that any changes to such calendar will be communicated exclusively through publication on the University website** <http://web.unicz.it/it/category/dottorati-di-ricerca> ;

- **the order of priority** in case of useful placement for several programmes; in case of application for more than one Ph.D. Programme, **it is necessary to declare in the online application the order of priority for the chosen programmes; the order must be identical in each of the application forms received, should it not be so the candidate will be excluded;**

For those with a single application form: in the printing of the application appears the only choice you make

- that they are aware that the scholarships cannot be cumulated with research grants or other scholarship of any kind, except those granted by national or foreign institutions aiming at integrating the educational and research activity of the scholarship holder with trips and stays abroad;
- that they are aware of and consent to treatment of the personal data provided in the application exclusively for purposes of the selection process and future relations with the University, in accordance with D.lgs. n. 196/2003.

In accordance with law 5/2/1992 n.104, disabled candidates or applicants with learning disabilities must explicitly state their special requirements and whether, given their handicap, they will require extra time to complete the selection exams.

After filling out the online application form for selection must be printed, signed and **included** in an envelope.

The envelope will have to clearly state the following:

The sender: candidate's name, surname, address ;

Subject: **“Domanda di partecipazione selezione Dottorato 35 _____(name of Ph.D. programme shortly for which one is applying and the sender e.g. Biomarcatori, Oncologia, etc.)”;**

It Contains **“Domanda Borsa POR”** (only for those who intend to compete for a POR grant);

Address: Magnifico Rettore – Università degli Studi Magna Græcia di Catanzaro – Ufficio Protocollo, Edificio Direzionale, Campus universitario, Viale Europa, Loc. Germaneto – 88100 Catanzaro.

AOO: Area Affari Generali - NON APRIRE.

Inside the above-mentioned envelope must be included:

- 1) **the application form duly signed**
- 2) **a copy of both sides (front and back) of a valid piece of ID;**
- 3) **a payment receipt for the non-refundable fee of € 50 made by MAV”;**
- 4) **a sealed envelope named PROGETTO E TITOLI- SURNAME CANDIDATE** containing:
 - the **research project** that must be inherent to the topics related to the educational objectives described for each course in Annex A of this announcement, with reference to the chosen curriculum. The project must be drafted according to the details indicated for each PhD course in the aforementioned Annex A.
 - **curriculum vitae et studiorum** (the format of which must be the same as the *facsimile* available online <http://web.unicz.it/it/category/dottorati-di-ricerca>)
 - the **declaration of certification exams** containing the indication of the grade, the date
 - the publications, the qualifications
 - eventually, **“Domanda Borsa POR”** to be attached **compulsorily**, for candidates who intend to participate for a POR grant
 - a list of all documents provided.

Failure to present both forms (paper and electronic) will result in the exclusion of the candidate from the selection process.

Failure to present the “Domanda Borsa POR” in the paper version will result in the exclusion of the candidate from the admission POR grants.

Any alternative form of application is excluded.

Application forms will be automatically excluded **which:**

- a. even if correctly completed online, are not received on time in paper form;
- b. even if correctly completed online, are not delivered on time in paper form;
- c. even if received or delivered in paper form, are not completed online;
- d. are sent not following the above mentioned guidelines;
- e. are sent or delivered after the deadline established by the present call for applications or, even if sent on time, are delivered to the University later than 7 (seven) days from the deadline;
- f. do not bear the original signature of the candidate (*in the paper version*);
- g. do not contain the back/front photocopy of a valid piece of ID (*in the paper version*);
- h. are missing the payment of €50.00 for the selection process participation fees made by MAV”;

- i. each envelope may contain only one application form for one Ph.D. Programme. In case of more than one application in the same envelope, all applications contained in one envelope will be automatically excluded;
- j. applications by the same candidate for the same Ph.D. Programme but with different *curricula* will be automatically excluded;
- k. in case of application to more than one Ph.D. Programme, applications containing a different order of priority in each application will be automatically excluded.

Following formal checks on the application received along the above stated guidelines, the list of candidates admitted to the selection process will be published, before results evaluation publication dates, on the University website at <http://web.unicz.it/it/category/dottorati-di-ricerca> . The University will provide no other form of notification.

Candidates will be expected to give proof of Public Administration-issued qualifications by means of a declaration in lieu of certification (or self-certification) as set out by art. 46 of D.P.R.445/2000 and subsequent amendments. **All self-certifications must contain the date and authentic signature.**

The same procedures should also be followed by:

- EU citizens;
- citizens of non-EU states who are settled in Italy, limited to the verifiability of status, personal qualities and achievements from Italian public bodies (for example, if they obtained a degree from an Italian University).

Non EU candidates who have studied abroad must attach the original certificates and their relative translations (see art. 3 above). Such candidates will be admitted to selection conditionally, and will be excluded from the Ph.D. programme should it emerge, upon verification, that the title held does not correspond to the requisites listed by the present call for applications and therefore does not allow for enrolment in the Ph.D. programme.

Candidates must attach the adequate declaration in lieu of affidavit, in accordance with art. 47 of D.P.R. 445/2000 and subsequent amendments, in which they certify compliance to the original of the publications presented. Further, candidates must declare under their own responsibility and in accordance with D.P.R. n. 445/2000 the truthfulness of the data and information in the *curriculum vitae et studiorum*.

It is necessary to specify, for all qualifications and all information included in the *curriculum vitae et studiorum*, all elements which may aid the process of verification by the Administration (e.g. *Start/end date, institution/company, duration of grant/contract, marks, position filled, etc.*)

All candidates are admitted to selection upon condition of verification that they fulfil the requisites set out by the call for applications.

For reasons linked to organisation of workload and timeliness, effectiveness, and efficiency of administrative action, the Administration will only carry out checks on those applicants who will have taken and passed the admission tests.

The University may, at any time during the process and following the start of the Ph.D. programme, carry out checks on the truthfulness of the information provided, in accordance with law DPR n. 445/2000 and its subsequent amendments.

Should motives for exclusion be determined after the start of the programmes, the University may arrange, through a provision justified by the Dean, for the exclusion of the candidate from the selection process or the Ph.D. programme and the revoking of any related benefits, with no prejudice to the penal responsibilities for falsification of documents and false/untrue/fraudulent statement as set out in art. 76 DPR 445/2000, as may apply.

Art. 5 - Judging Committees

The Judging Committee is appointed with an ordinance issued by the dean upon consultation with the coordinator of the Ph.D. programme; it is composed of the coordinator himself, President of the Committee, and the *curricula* coordinators, always guaranteeing an odd number of components through the appointment, where necessary, of an extra component taken from the teaching body. The same ordinance appoints also substitute components taken from the teaching body.

The composition of each commission will be published, after the call for applications deadline, on the website of the University at <http://web.unicz.it/it/category/dottorati-di-ricerca>.

Should the written exam be held in more than one location because of a large number of applications, an invigilating committee presided by a component of the Committee and made up of professors, researchers and/or technical administrative staff of the University, will be present at each of the locations.

Art. 6 – Selection Process

Admission to the Ph.D. programme will be granted on the basis of a selection process testing the candidate's knowledge and aptitude for scientific research.

The selection process consists of evaluation of the qualifications, evaluation of a research project prepared by the candidate and in an interview that will focus on the discussion of the proposed research project and the scientific experiences.

50 points are reserved for the evaluation of the qualifications and of the project:

The project can be awarded a maximum score of 25 points.

Titles can be assigned a maximum score of 25 points:

max 10 for the Curriculum Vitae (CV) with attached Master's Degree certificate (or equivalent) with analytical indication of the exams taken and relative grades; for undergraduates it is sufficient to certify the exams taken and the relative marks;

max 10 points for publications related to the themes of the Doctorate, including the thesis;

max 5 points for postgraduate courses, research scholarships related to the PhD themes.

Typescripts and forthcoming papers which have not already been accepted for publication will not be considered.

For admission to the interview, the candidate is considered suitable with a score of no less than 35/50 (sum of the points relating to the evaluation of the qualifications and of the research project).

50 points are reserved to the interview. The minimum score for passing the interview is 35/50.

During the interview will be tested knowledge of English. The candidate can decide whether to take the interview in English or in Italian.

Interviews will be conducted in a classroom open to the public.

During the evaluation of the qualifications of the candidates who have chosen the POR Grants and / or during the interview with the aforementioned candidates, the Judging Committee will evaluate the correspondence of the candidate's scientific profile and the possession of the specific requirement in relation to the research program chosen by the candidate.

Exam dates for each of the programmes are listed in Annex A; this will be the only notification. In accordance with art. 4, successful applicants will be expected to attend the examinations at the venues, dates and times indicated below.

Changes to the calendar will be communicated only on the University website at the following address <http://web.unicz.it/it/category/dottorati-di-ricerca>.

For admission to exams candidates must have a valid piece of ID.

Results of the qualifications evaluation and of research project will be published by the Judging Committee, **by the date indicated for each programme in Annex A** on the University website <http://web.unicz.it/it/category/dottorati-di-ricerca>.

Published evaluation of the qualifications and the research project scores will constitute, for those with a score of no less than 35/50, notice of convocation to interview, with no further notification from the University.

Changes to results publication dates for qualification and interview will be communicated only through the University website at <http://web.unicz.it/it/category/dottorati-di-ricerca>.

The committee will produce a written report with the minutes for each of the meetings. At the end of each interviewing session the Committee lists the interviewed candidates and establishes their scores. The list, undersigned by the Committee President and Secretary, is posted on the same day as the interviews. At completion of all examinations, the Committee produces a general list, in descending order, summing the scores obtained by candidates in the single examinations and the score obtained from the qualifications and research project evaluation.

The general list of merit will be published on the website of the University at <http://web.unicz.it/it/category/dottorati-di-ricerca>.

The President of the Judging Committee promptly forwards the reports to the Dean who within 15 days approves by ordinance the proceedings of the selection process or rejects them where further regularisation is deemed appropriate.

From the day following the date of publication of the said official approval of the selection proceedings, on the website <http://web.unicz.it/it/category/dottorati-di-ricerca>, shall take effect, on pain of forfeiture, the terms of submission of the application registration referred to in art. 8 of this notice.

Art. 7 – Admission to the programmes

Candidates are admitted to the programmes and granted scholarship following the order of the list of merit until the number of places offered for each programme is filled. For position with grant, in accordance with art. 4 of law 210/1998, in a case of equal positioning in the general merit ranking, an evaluation of the financial situation in accordance with d.P.C.M. 09/04/2001 will prevail. In case of equality in financial assessment, the younger candidate will prevail, in accordance with art. 3, c.7 of law 127/1997, as integrated by art. 2 law 191/1998.

For position without grant, the younger candidate will prevail, in accordance with art. 3, c.7 of law 127/1997, as integrated by art. 2 law 191/1998.

Admission to the PhD courses with the relative scholarship will be carried out with a rectoral decree, on the basis of the general merit ranking, in particular:

- **priority will be given to the POR Grants** according to the ranking order in the general ranking, to the best candidates who have applied for it and who are in possession of all the requisites required for the chosen research program;
- **the scholarships funded by the University will subsequently be awarded**, according to the ranking order in the general ranking;
- **at last positions without grant**.

In case of useful placement for more than one Ph. D. Programme, the order of priority expressed in the application form will act as a binding criterion for admission.

The activation of *curricula* depends on the success of candidates having chosen a certain *curriculum*.

This means that only the *curricula* chosen by winning candidates will be activated.

Should the successful candidate, civil servant or public institution employee admitted to the programme renounce their scholarship, in accordance with art. 2 Law 476/1984 and subsequent amendments, included the later art. 10, the next suitable candidate in the list of merit will be admitted to the programme with scholarship.

The start date for the programmes is the **November 2nd 2019**.

Art. 8 – Required action for successful candidates

Successful candidates must fill online, in accordance with informations available on the website <http://web.unicz.it/it/category/dottorati-di-ricerca>, an enrolment form to first year; for this purpose **successful candidates must login** on the website <https://unicz.esse3.cineca.it/Home.do>, choose LOGIN, and then “Segreteria- Immatricolazione /Scelta tipologia corso di studio”. Connect with the same username and password used for the initial registration. If you have lost the username and password, you can send an you can send a ticket: <http://www.asi.unicz.it/helpdesk/>.

N.B. Only registration on line does not perfect the enrolment to first year.

Enrolment form to first year **must be sent in paper format** (a print-out of the online application) with a **payment receipt made by MAV**.

The following documents must be attached to the Enrolment form:

- a photocopy of a valid piece of ID;
- a photocopy of the taxpayer code (CODICE FISCALE);

- **a payment receipt** of € 506,00 made by MAV for payment “Tassa iscrizione e frequenza corso di dottorato di ricerca (including I rata - I anno € 360,00, tax for the right to study PhD programme € 130,00 (acconto) + stamp duty paid virtual system € 16,00”;

Successful candidates must hand deliver, personally or by courier or send by registered post with notification of receipt, the enrolment form to the following address: Magnifico Rettore – Università degli Studi Magna Græcia di Catanzaro – Ufficio Protocollo, Edificio Direzionale, Campus Universitario, Viale Europa, Loc. Germaneto - 88100 Catanzaro. **Failure to do so will result in their exclusion.**

Request of enrolment (with documents attached) must arrive within and no later than 7 (seven) days after the issuing of D.R. approving selection documents and reports on the University website <http://web.unicz.it/category/dottorati-di-ricerca> in one of the following ways:

a) hand delivered, or by courier, by and no later than the above stated deadline to the Ufficio Protocollo dell'Università degli Studi Magna Græcia di Catanzaro, first floor of the Edificio Direzionale, at the University Campus in Viale Europa, Loc. Germaneto, Catanzaro, in the following opening hours:

Monday to Friday, 9.00 to 12.00

Monday and Tuesday, 15.00 to 16.00.

b) sent via registered post with notification of receipt by and no later than the above stated date.

In accordance with art. 2 of the D.P.R. n. 1077/70, the post office stamp and date will certify the date of conveyance. In any case, applications which for ever reason are not delivered within 7 (seven) days from the deadline above shall not be considered even where they have been sent in good time.

No complaints are accepted for late applications. No applications sent with priority mail will be accepted.

Should the application not arrive at the destination in good time, for whatever reason, the sole responsibility for the delay lies with the sender.

Should the deadline fall on a bank holiday, it will be extended to the first next working day.

In the enrolment form candidates will have to provide/declare the following, in accordance with articles 46 and 47 of P.D.R. 445/2000 and its subsequent modifications:

- name/surname, date and place of birth, home and contact address for Ph.D. related correspondence;
- nationality and CODICE FISCALE;
- secondary school diploma or for non-Italians, the highest school diploma obtained (original document);
- a degree certificate;
- that they are not currently enrolled in any other university course (I or II cycle degrees, non-medical specialisation school, other Ph.D. programme) or their commitment to giving this up before the start of the courses; or that they are enrolled in the last year of a medical specialisation school at the University of Catanzaro, thereby recognising the University as administrative centre of the school;
- their commitment to exclusive and full time attendance of the Ph.D. course with no prejudice to the provisions of art. 12, ch.1 of D.M. 45/2013;
- that they have not previously benefited from a Ph.D. scholarship;
- that they are not in a situation of accumulation of research grants or scholarships, except for those granted by national or foreign institutions aimed at integrating, with trips or stays abroad, the educational and research activity of the scholarship holders and that they commit to respecting this condition for the duration of their Ph.D.;
- whether they are civil servants or employees of a public law institution, and in this case that they have requested and obtained paid or unpaid time off or special leave for reasons of further study, in accordance with art. 2 law 476/1984 and subsequent amendments, and if they receive payment that they renounce their scholarship;
- that they undertake to inform the University Administration in good time of any changes in any of the above stated conditions;
- that they accept the norms of treatment of personal data.

The above conditions are subject to Administration checks in collaboration with the tax and revenue authorities.

Anyone who will not have thus officialised their enrolment will be considered to have renounced their post and the vacant positions will be assigned to the remaining candidates based on the merit list, within two months of the start of the programmes. Candidates selected from the waiting list will be notified via registered post with notification of receipt, with the same procedures as for successful candidates, to the contact address provided in the selection process; candidates will have to proceed to taking the above stated steps for enrolment for successful candidates.

In selecting candidates from the waiting list based on merit after the beginning of the programmes, candidates resulting already enrolled in other Ph.D. programmes will not be considered.

The number of people admitted to the programmes in the two months after their start will correspond exactly to the number of people who renounce their positions.

The University administration will not be responsible for any communication problem dependant on inaccurate or inexact candidate contact details, nor lack or delay in communicating a change, nor for any glitch or problem with the post or communication system which are not imputable to the Administration itself.

Art. 9 – Scholarships

Scholarships are assigned by ordinance of the Dean following the order established by the list of merit and the procedures set out in art. 7 above.

The yearly amount of the scholarship, before taxes, is of € 15.343,28; this is paid in monthly deferred instalments. The amount may be increased by 50% for a period of no longer than 18 months should the Ph.D. candidate be authorised by the Teaching Body to carry out research activities abroad.

For all further information, details and obligations on the POR grants, see the Italian version of the announcement.

The scholarship has a yearly duration and is renewed upon completion by the Ph.D. candidate of the planned activities for the previous year. At the end of each year, candidates present a written report on their research to the Teaching Body. This is accompanied by an explicative report of the supervising professor and discussed by the candidate before the Ph.D. Teaching Body.

Scholarships cannot be cumulated with research grants or other scholarships, except for those granted by national or foreign bodies aimed at integrating the research activities of the Ph.D. candidate with trips or stays abroad.

Anyone who has already benefited from a Ph.D. scholarship even for a year or a fraction of a year will not be able to benefit from one again.

Starting from the second year, to each Ph.D. candidate, excluding the supernumerary student, is assigned a budget, annually established by the Board of Directors within the existing financial resources of the University, for research activity in Italy and abroad.

The scholarship is subject to the payment of INPS social contributions in accordance with art. 2, c. 26, of law 8 August 1995, n. 335, and subsequent amendments, in the measure of two thirds by the administration and one part by the scholarship holder. The Ph.D. candidates benefit from all relative security and rights.

As regards tax, art. 4 Law 13 August 1984 n. 476 apply to the scholarships for Ph.D. programme attendance.

Art. 10 – Ph.D. students Rights and Duties

Admission to the Ph.D. programme involves exclusive and full time commitment, without prejudice to the possibility of a specific discipline as established by art. 7 and 12, comma 4, of D.M. 45/2013.

The Ph.D. students, as integral part of the educational project and provided that they have the *nulla osta* of the Teaching Body without this involving an increase in scholarship, may carry out tutoring activities for undergraduate students, as well as supplementary didactic activities, in any case not exceeding a maximum of forty hours per academic year. After the third year of Ph.D. the limit is revoked. Medical field Ph.D. students may participate in clinical activities.

Civil servants admitted to the Ph.D. programme benefit for the duration of the programme of the time off work as provided for by collective bargaining or, for employees in the public sector, of special leave for reasons of study, as compatible with the needs of the administration they belong to, in accordance with art. 2 of Law 13 August 1984 n. 476 and subsequent amendments, with or without pay and except in case of explicit renunciation, only if they are enrolled in a Ph.D. programme for the first time, and notwithstanding the disciplinary ambit.

The Ph.D Committee can authorize the PhD student to pursue paid employment activities.

For all that which is not explicitly set out in the present call for applications refer to art. 12 of the Regulations concerning PhD programmes of the University of Catanzaro.

The tuition fees and attendance at the PhD courses are determined for a.y. 2019/2020, in the amount of € 1.124,45 to be paid in three installments according to the following table, and the Tax for the right to study determined by the Regione Calabria:

For doctoral students, registrations are normally made by November 2nd 2019; The deadline for payment of II installment is normally set at December 31, 2019; The third installment to the next May 31, 2020.

Category	Income	Annual amount university tax	I installment	II installment	III installment	Stamp duty paid virtual system	Tax for the right to study PhD programme
PhD student with grant	N.A.	€ 1.124,45	€ 360,00	382,23	382,22	€ 16,00	To be paid in the amount established by the DGR n. 286 of 13.07.2018, unless otherwise determined by the Regione Calabria
PhD student without grant		exoneration				€ 16,00	To be paid in the amount established by the DGR n. 286 of 13.07.2018, unless otherwise determined by the Regione Calabria

PhD students who are winners of doctoral grant who renounce the use of the scholarship are required to pay the annual university fee for the entire academic year, the regional tax for the right to study and stamp duties. Tuition and attendance fees for PhD courses for subsequent academic years are determined according to the aforementioned statement, unless otherwise determined at the time of approval of the University student contribution regulations.

The provisions of legislative decree 29 March 2012 n.68 are extended to Ph.D. students, within the modalities herein established.

Female Ph.D. students benefit from the maternity provisions of the Ministero del Lavoro e Previdenza Sociale decree 12 July 2007, published in the Gazzetta Ufficiale della Repubblica Italiana n. 247 on 23 October 2007.

Successful candidates enrolled in a non-medical specialisation school, first or second level degree programme or Masters, are required to suspend attendance of such courses from the start of the programme and for the entirety of its duration. Combined attendance of the Ph.D. programme and a medical specialisation school is permitted, with consequent reduction to a minimum of two years for the Ph.D. programme itself and in accordance with art. 19, L. 240/2010 and D.M. 45/2013.

Ph.D. students may carry out training or study periods at Italian or foreign universities and research centres.

Loss of Ph.D. status, by means of an ordinance issued by the Dean following a motivated decision by the Ph.D. Teaching Body may occur in case of:

- negative end of year evaluation on the part of the Teaching Body;
- unjustified and prolonged absences.

In case of over thirty days of unmotivated absence or of exclusion from the programme, the scholarship will not be disbursed.

Loss of Ph.D. status in case of non-compliance with “Codice di comportamento dei dipendenti pubblici, a norma dell’art. 54 del D Lgs 165/2011 and with “Codice di comportamento dell’Università Magna Græcia, DR n. 370/2016”. The above-mentioned “Codici” are available on the Magna Graecia University website <http://web.unicz.it/it/page/codice-disciplinare-e-codice-di-condotta>.

For all further obligations on the POR grants, see the Italian version of the announcement.

The deadline for submitting the final accounts of the aforementioned grants, including all final exams, is mandatorily fixed for University on 15.07.2023, subject to the repayment of the financial resources allocated.

Art. 11 – Attainment of the title

The title of Ph.D., abbreviated in Italian with “Dott. Ric.” (dottore di ricerca), is granted by the Dean following the public discussion of a theses which contributes to advancement of the knowledge and methodologies in the chosen field of research.

At the end of the discussion, the thesis is approved or rejected, with a motivated judgement in writing of the judging committee. The committee may unanimously attribute honours (*laude*) to works that make a significant scientific contribution to their field.

Art. 12 – Treatment of personal data

In accordance with **General Data Protection Regulation (GDPR) (EU) 2016/679** and D. lgs. n. 196/2003 the University will respect the privacy of the information provided by candidates. All personal data will be used solely for the purposes of the selection process and subsequent relations between the successful candidates and the University.

Art. 13 – Ph.D. application procedure Manager

In accordance to the provisions of art. 5 law 7 August 1990 n. 241, the person in charge for the procedures established in the present call for applications, with exclusion of the phases selective, is Dott.ssa Eleonora Consoli, Area Affari Generali- Università Magna Græcia di Catanzaro- Campus Universitario- Viale Europa, Loc. Germaneto, Catanzaro- tel. + 39 0961/3696083, e-mail consoli@unicz.it; overseeing the procedure is Sig.ra Viviana Borelli - tel. + 39 0961/3696075, fax +39 0961 3696150, e-mail affarigenerali1@unicz.it.

Art. 14 – Norms of reference

For all that which is not explicitly set out in the present call for applications, legislative dispositions and norms on Ph.D. studentships apply.

Art. 15 – Publicity

The present call for applications, both in Italian and English, will be published on the website of the *Magna Græcia* University of Catanzaro at the address <https://web.unicz.it/it/category/bandi-ateneo>, <http://web.unicz.it/it/category/dottorati-di-ricerca> on the European website Euraxess and on the website of the MIUR.

In case of litigation, the text of reference will be exclusively the original text in Italian.

ANNEX A – DETAILS OF A.Y. 2019/2020 PH.D.S PROGRAMMES

CHRONIC AND COMPLEX DISEASES BIOMARKERS

Disciplinary/Scientific Sectors

ACADEMIC FIELDS

MED/09– INTERNAL MEDICINE

MED/26-NEUROLOGY

MED/11-CARDIOVASCULAR SYSTEM DISEASES

MED/13-ENDOCRINOLOGY

MED/49-APPLIED DIETETICAL TECHNOLOGIES

ING-INF/05-DATA ELABORATION SYSTEMS

MED/23-CARDIAC SURGERY

ING-IND/34 - INDUSTRIAL BIOENGINEERING

MED/05 - CLINICAL PATHOLOGY

MED / 10 - DISEASES OF THE RESPIRATORY SYSTEM

MED / 12 – GASTROENTEROLOGY

MED / 14 - NEFROLOGY

MED / 18 - GENERAL SURGERY

MED / 22 - VASCULAR SURGERY

MED / 27 - NEUROSURGERY

MED / 30 - VISUAL SYSTEM DISEASES

MED/33 - LOCOMOTOR SYSTEM DISEASES

MED / 36 - DIAGNOSTICS FOR IMAGES AND RADIOTHERAPY

MED / 37 - NEURORADIOLOGY

MED / 39 - CHILD NEUROPSYCHIATRY

MED / 41 –ANESTHESIOLOGY

MED / 43 - FORENSICS

MED / 48 - NURSING AND TECHNICAL NEURO-PSYCHIATRIC AND REHABILITATION SCIENCES

MED / 50 - APPLIED MEDICAL TECHNICAL SCIENCES

EDUCATIONAL OBJECTIVES

Chronic and complex diseases are pathologies with a multi-factorial etiological origin and constitute the most common human pathologies in the world (Global Status Report on NCD, WHO 2010, www.who.org), representing on their own about 80% of the load of disease of European national health systems. are some of the priorities of the World Health Organization (2008-2013 Action Plan for the Global Strategy for the Prevention and Control of Non-infectious Diseases). Chronic and complex diseases as a priority target for the global health economy, the WHO has indeed stated that: a) "their treatment does not exist or existing therapies are insufficiently effective" and b) "these are diseases where basic and clinical research together they are necessary to establish new biomarkers ". Therefore the PhD course will be aimed at training research doctoral figures who (a) have a complete understanding of the cellular and molecular mechanisms of chronic and complex diseases, in order to identify new biomarkers and which (b) are able to use the most modern technologies and investigation tools for solving complex scientific problems in this area. The skills acquired will be multidisciplinary in order to train highly qualified personnel for research in the university and private sectors.

Curriculum Analysis of imaging data, neurophysiological biosignals and molecular profiling for the identification of biomarkers applied to Neurosciences, main objectives: Identification of new imaging biomarkers for the diagnosis of neurological diseases.

Curriculum New biomedical technologies for identifying dysmetabolic and nutritional disease markers, main objectives: Identification and validation of markers for response to interventions on hepatic steatosis or complicated obesity; New biomedical technologies for the identification of diagnostic markers of insulin resistance and metabolic syndrome.

Curriculum Molecular and physiopathological aspects of chronic-degenerative and inflammatory diseases, main objectives: Mechanisms of damage and regeneration of pancreatic beta-cells; Genetic predisposition and low-grade chronic inflammation in chronic-degenerative diseases

Curriculum Chronic cardio-pulmonary diseases and biotechnological and engineering solutions for regenerative medicine, main objectives: Identification of new biomarkers for chronic cardiovascular and pulmonary diseases; Molecular mechanisms of coronary stenosis / restenosis; Biotechnological approaches for cardiac regeneration.

Curriculum Methods and techniques of computer engineering for processing, management and for efficient analysis data, main objectives: Big Data in bioinformatics and medical informatics; Data mining / deep learning analysis of omics and clinical data; Analysis and alignment of biological networks.

Curricula

- Analysis of imaging data, neurophysiological biosignals and molecular profiling for the identification of biomarkers applied to Neurosciences
- New biomedical technologies for identifying dysmetabolic and nutritional disease markers
- Molecular and physiopathological aspects of chronic-degenerative and inflammatory diseases
- Chronic cardio-pulmonary diseases and biotechnological and engineering solutions for regenerative medicine
- Methods and techniques of computer engineering for processing, management and for efficient analysis data

Programme Duration: 3 years

Coordinator: Prof. Daniele Torella

Degree classes required for admission:

LM-6 Biology
LM-8 Industrial Biotechnologies
LM-9 Medical, veterinary and pharmaceutical biotechnologies
LM-13 Pharmaceuticals and industrial pharmaceuticals
LM-17 Physics
LM-18 Informatics
LM-21 Biomedical engineering
LM-27 Telecommunications engineering
LM-29 Electronics
LM-31 Engineering Management
LM-32 Computer Science
LM-33 Mechanics
LM-40 Mathematics
LM-41 Medicine
LM-44 Mathematical/physical modelling for engineering
LM-51 Psychology
LM-54 Chemical Sciences
LM- 61 Human Nutrition Sciences
LM-82 Statistical sciences
LM-91 Techniques and methods for the information society
LM/SNT2 Rehabilitation and health professions sciences
LM/SNT3 Health sector technologies professions sciences

Positions: n. 17

Scholarships: n. 12 with funding from the University

Scholarships: n. 2 POR : The POR scholarship holders must be born in Calabria or residing there for at least 2 years at the date of submission of the application for participation in the competition

announcement and **must have all the specific requirements indicated for each research program in Annex A (Italian version) of this competition.**

The POR scholarship holders must compulsorily carry out abroad 12 months within the thirty-third month of PhD in international prestigious scientific organizations.

For all further information, details and obligations on the POR grants, see the Italian version of the announcement.

n.3 positions without grant

Details research project: The research project, which can be presented in English or in Italian, must be written in a maximum of 4 folders (30 lines of 90 characters each) including any diagrams or graphs, and must be inherent to the issues concerning the objectives course training courses, described above, with reference to the chosen curriculum

Qualifications and research project evaluation results publication date:

By 20 September 2019 on website <http://web.unicz.it/it/category/dottorati-di-ricerca>

Interviews:

25 September 2019, 2:00 p.m., Aula D2, Corpo D, Campus Universitario, V.le Europa, Loc. Germaneto, Catanzaro

Foreign Language: English

MOLECULAR AND TRANSLATIONAL ONCOLOGY AND INNOVATIVE MEDICAL SURGICAL TECHNIQUES

Disciplinary/Scientific Sectors

ACADEMIC FIELDS

BIO / 16-HUMAN ANATOMY

BIO / 12 - CLINICAL BIOCHEMISTRY AND CLINICAL MOLECULAR BIOLOGY

MED / 50 - APPLIED MEDICAL TECHNOLOGIES

MED / 18 - GENERAL SURGERY

FIS / 07- APPLIED PHYSICS (ENVIRONMENT AND HERITAGE, BIOLOGY AND MEDICINE) CHIM / 01-ANALYTICAL CHEMISTRY

BIO / 10-BIOCHEMISTRY

BIO / 11-MOLECULAR BIOLOGY

BIO / 13-APPLIED BIOLOGY

MED / 03-MEDICAL GENETICS

MED / 04-GENERAL PATHOLOGY

MED / 06-MEDICAL ONCOLOGY

MED / 19-PLASTIC SURGERY

MED / 24-UROLOGY

MED / 36-DIAGNOSTICS FOR IMAGES AND RADIOTHERAPY

MED / 40-GYNECOLOGY AND OBSTETRICS

MED / 45-GENERAL, CLINICAL AND PEDIATRIC NURSING SCIENCES

ING-INF / 04-AUTOMATICS

ING-INF / 06- BIOENGINEERING, ELECTRONICS AND INFORMATION TECHNOLOGY

FIS / 01-EXPERIMENTAL PHYSICS

EDUCATIONAL OBJECTIVES

The aim of the Ph.D. is to train professionals with interdisciplinary skills in oncological research, autonomy in planning, execution and interpretation of experiments, formulation of research projects and writing of scientific articles. The programme is divided into four curricula:

Molecular Oncology – Study of the molecular alterations involved in the onset, progression and dispersal of family and sporadic tumours, through experimental models in vitro, ex-vivo and in vivo. Use of “high-throughput” approaches for the definition of tumour genomic and epigenomic panorama, proteomics and metabolics.

Biomedical, Systems and applied nanotechnologies Engineering – Methods and technologies for the modelling, simulation, and control of biological systems, the elaboration of images aimed at the planning of therapeutic interventions, the planning of nanotechnologies based innovative biomedical devices.

Medical translational oncology – Innovative approaches for the development of high-selectivity diagnostic, therapeutic and/or pre-emptive strategies in medical oncology.

Innovative technologies and therapies in urological, gynaecological surgery and in fertility preservation – clinical research methodology applies to oncological pathologies relating to urology and gynaecology (primary prevention, precocious diagnosing and treatment) and to innovative fertility preservation therapies.

Curricula

- **Molecular Oncology**
- **Biomedical Engineering, Systems and Nanotechnologies applied to Oncology**
- **Medical and translational oncology**
- **Innovative technologies and therapies in urological, gynaecological surgery and in fertility preservation**

Programme Duration: 3 years

Coordinator: Prof. Giovanni Cuda

Degree classes required for admission:

LM-6 Biology
LM-9 Medical, veterinary and pharmaceutical biotechnologies
LM-13 Pharmaceuticals and industrial pharmaceuticals
LM-17 Physics
LM-18 Informatics
LM-21 Biomedical engineering
LM-22 Chemical engineering
LM-25 Automation engineering
LM-26 Security engineering
LM-27 Telecommunications engineering
LM-28 Electrical energy Engineering
LM-29 Electronics
LM-31 Engineering Management
LM-32 Informatics Engineering
LM-33 Mechanics
LM-35 Environment and territory engineering
LM-40 Mathematics
LM-41 Medicine
LM-44 Mathematical/physical modelling for engineering
LM-53 Material science and engineering
LM-54 Chemical sciences
LM-82 Statistical sciences

Positions: n. 16

Scholarships: n. 10 with funding from the University

Scholarships: n. 3 **POR : The POR scholarship holders must be born in Calabria or residing there for at least 2 years** at the date of submission of the application for participation in the competition

announcement and **must have all the specific requirements indicated for each research program in Annex A (Italian version) of this competition.**

The POR scholarship holders must compulsorily carry out abroad 12 months within the thirty-third month of PhD in international prestigious scientific organizations.

For all further information, details and obligations on the POR grants, see the Italian version of the announcement.

n.3 positions without grant

Details research project: The research project, which can be presented in English or in Italian, must be written in a maximum of 4 folders (30 lines of 90 characters each) including any diagrams or graphs, and must be inherent to the issues concerning the objectives course training courses, described above, with reference to the chosen curriculum

Qualifications and research project evaluation results publication date:

By 20 September 2019 on website <http://web.unicz.it/it/category/dottorati-di-ricerca>

Interviews:

24 September 2019, 9:30 a.m., Aula G3, , Corpo G, livello 0, Campus Universitario, V.le Europa, Loc. Germaneto, Catanzaro

Foreign Language: English

LIFE SCIENCES

Disciplinary/Scientific Sectors

ACADEMIC FIELDS

AGR / 18 - NUTRITION AND ANIMAL FEEDING

CHIM / 06 - ORGANIC CHEMISTRY

CHIM / 08 - PHARMACEUTICAL CHEMISTRY

CHIM / 09 - PHARMACEUTICAL APPLIED TECHNOLOGIES

BIO / 10 – BIOCHEMISTRY

BIO / 11 -MOLECULAR BIOLOGY

BIO / 14 - PHARMACOLOGY

BIO / 15 - PHARMACEUTICAL BIOLOGY

MED / 04 - GENERAL PATHOLOGY

MED / 07 - MICROBIOLOGY AND CLINICAL MICROBIOLOGY

MED / 17 - CONTAGIOUS DISEASES

MED / 35 - SKIN AND VENEREAL DISEASES

MED / 38 - GENERAL AND SPECIALIST PEDIATRICS

MED / 42 - GENERAL AND APPLIED HYGIENE

MED / 43 - FORENSICS

MED / 49 - APPLIED DIETETICS AND TECHNOLOGIES SCIENCES

MED / 50 - APPLIED MEDICAL TECHNICAL SCIENCES

VET / 06 - PARASITOLOGY AND ANIMAL PARASITIC DISEASES

VET / 08 -VETERINARY CLINICAL MEDICINE

ING-INF / 01 – ELECTRONICS

CHIM / 03 - INORGANIC GENERAL CHEMISTRY

MED / 12 – GASTROENTEROLOGY

MED / 14 – NEFROLOGY

MED / 25 - PSYCHIATRY

BIO / 13 - APPLIED BIOLOGY

MED / 13 –ENDOCRINOLOGY

MED / 28 - ODONTOSTOMATOLOGICAL DISEASES

MED / 18 - GENERAL SURGERY

VET / 05 - INFECTIOUS DISEASES OF PETS

EDUCATIONAL OBJECTIVES

The aim of the programme is the training of experts in Life Sciences research following one of the four curricular areas:

Pharmaceutical sciences, which includes themes relating to the development of the drug in a general sense: from drug discovery, in silico, to the preparation and extraction of active principles, privileging the green chemistry approaches, their conveying, through advanced drug delivery systems, and in vitro and in vivo bio-pharmaceutical characterisation.

Food toxicology, regarding themes linked to food security for both men and animals, included the valorisation of the agricultural and food heritage.

Biotechnological sciences, which studies the characterisation of molecular mechanisms causing physiological pathological phenomena through advanced biotechnological approaches of genomics and proteomics.

Infection immunological, dermatological sciences and public health. This includes interdisciplinary research on relevant viral, bacterial, immune system and skin pathologies which have practical consequences on Public Health.

The transversal theme of the polypharmacological approach implemented in the COST Action CA15135 allows the PhD students, framed in one of the four curricula, to deal with complex problems characterized by a strong multidisciplinary also in an international key.

Curricula

- *Pharmaceutics*
- *Food sciences and toxicology*
- *Biotechnological sciences*
- *Infection, immunological, dermatological sciences and public health.*

Programme Duration: 3 years

Coordinator: Prof. Stefano Alcaro

Degrees required for admission:

LM-6 Biology
LM-8 Industrial biotechnologies
LM-9 Medical, veterinary and pharmaceutical biotechnologies
LM-13 Pharmaceutics and industrial pharmaceutics
LM-17 Physics
LM-21 Biomedical engineering
LM-22 Chemical engineering
LM-41 Medicine
LM-42 Veterinary medicine
LM-46 Dentistry and dental prosthetics
LM-53 Material science and engineering
LM-54 Chemical sciences
LM-60 Nature sciences
LM-69 Agricultural sciences and technologies
LM-70 Food sciences and technologies
LM-71 Industrial chemistry science and technologies
LM-75 Environment and land sciences and technologies
LM-86 Animal husbandry science and technology

Positions: n. 17

Scholarships: n. 14 with funding from the University

n.3 positions without grant

Details research project: The research project, which can be presented in English or in Italian, must be written in a maximum of 4 folders (30 lines of 90 characters each) including any diagrams or graphs, and must be inherent to the issues concerning the objectives course training courses, described above, with reference to the chosen curriculum

Qualifications and research project evaluation results publication date:

By 20 September 2019 on website <http://web.unicz.it/it/category/dottorati-di-ricerca>

Interviews:

25 September 2019, 9:00 a.m., Aula G3, Corpo G, livello 0, Campus Universitario, V.le Europa, Loc. Germaneto, Catanzaro

Foreign Language: English

EUROPEAN LEGAL AND ECONOMIC SYSTEMS

Disciplinary/Scientific Sectors

ACADEMIC FIELDS

IUS / 05 – ECONOMIC LAW

SECS-P / 10 - BUSINESS ORGANIZATION

SECS-P / 03 - SCIENCE OF FINANCE

IUS / 13 - INTERNATIONAL POLICY

SPS / 07 - GENERAL SOCIOLOGY

IUS / 17 - CRIMINAL LAW

SPS / 09 -SOCIOLOGY OF ECONOMIC PROCESSES AND WORK

IUS / 09 - PUBLIC LAW INSTITUTION

IUS / 15 - CIVIL PROCEDURE LAW

IUS / 01-PRIVATE LAW

IUS / 07-LABOUR LAW

IUS / 08 — CONSTITUTIONAL LAW

IUS / 10-ADMINISTRATIVE LAW

IUS/16-CRIMINAL PROCEDURE

IUS/18- ROMAN LAW AND ANCIENT LAWS

IUS / 19-HISTORY OF MEDIEVAL AND MODERN LAW

IUS / 20-PHILOSOPHY OF LAW

SPS/12-SOCIOLOGY OF LAW, DEVIANCE AND SOCIAL CHANGE

SECS-P / 02-ECONOMIC POLICY

SECS-P/07-BUSINESS ADMINISTRATION AND MANAGEMENT

SECS-P / 11-ECONOMY OF FINANCIAL INTERMEDIARIES

SECS-P / 12-ECONOMIC HISTORY

EDUCATIONAL OBJECTIVES

The programme provides multidisciplinary skills and knowledge in the fields of the theory of law, of laws (civil, business and labor law), in economics, in the European context, with reference to public and private companies, institutions and markets, and in sociology, concerning the issues of migration and the right to health. The aim is to put into practice an articulated on juridical supranationality and in particular on the European economic constitution.

The *ad hoc* objectives for each of the four curricula are as follows:

The **Theory and history of law: sociality and public sphere supranational** focuses on issues related to the revival of a new supranational common law, with special attention to the process of globalization, to European integration and their constitutionalization .

The **Laws, protections, markets: negotiating autonomies and business disciplines** is aimed at guaranteeing juridical knowledge, which go from themes of consumer protection to contract, and the regulation of labor relations.

The **Companies, institutions and markets in the European Union** provides specialised in depth analysis (managerial, economic and legal), in terms of rules, patterns of functioning and financing for businesses, real and financial markets, institutions and economic policies in EU.

The **Migration, European health systems and protection of fundamental rights – MISED** curriculum provides competences for the analysis of social and legal relations, and fundamental rights, in relation to migration and health in a European perspective.

Curricula:

- **Theory and history of law: sociality and public sphere supranational**
- **Laws, protections, markets: negotiating autonomies and business disciplines**
- **Companies, institutions and markets in the European Union**
- **Migration, European health systems and protection of fundamental rights – MISED.**

Programme Duration: 3 years

Coordinator: Prof. Massimo La Torre

Degrees required for admission:

LMG/01 Law
LM-52 International Relations
LM-56 Economics
LM-63 Public administration sciences
LM-76 Economics for environment and culture
LM-77 Business and management studies
LM-78 Philosophy
LM-88 Sociology and social research
LM-90 European Sciences

Positions: n. 18

Scholarships: n. 15 with funding from the University
n.3 positions without grant

Details research project: The research project, which can be presented in English or in Italian, must be written in a maximum of 3000 words, and must be inherent to the issues concerning the objectives course training courses, described above, with reference to the chosen curriculum

Qualifications and research project evaluation results publication date:

By 25 September 2019, 01:00 a.m. on website <http://web.unicz.it/it/category/dottorati-di-ricerca>

Interviews:

26 September 2019, 9:00 a.m., Sala Riunioni, Piano Terra, Dipartimento di Scienze Giuridiche, Storiche, Economiche e Sociali, Campus Universitario, V.le Europa, Loc. Germaneto, Catanzaro

Foreign Language: English