



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

DEADLINE FOR APPLICATIONS: 07/07/2020 1:00 pm (Italian time)

Student Services Area
PhD Office

Rector's Decree No. 410/2020
Prot. No.103128 of 08/06/2020

THE RECTOR

- GIVEN the Statute of the University of Modena and Reggio Emilia, enacted by Rector's Decree no. 3 of February 6, 2012 and subsequent amendments and additions;
- GIVEN the Italian Prime Minister's Decree of April 9, 2001 on "*Uniform treatment regarding the right to higher education*", in accordance with art. 4 of Law no. 390 of December 2, 1991, and subsequent amendments and additions;
- GIVEN art. 4 of Law no. 210 of July 3, 1998 on "*Guidelines for the recruitment of tenured university researchers and professors*", published in the Official Gazette of July 6, 1998, General Series no. 155, and subsequent amendments and additions;
- GIVEN Ministerial Decree no. 45 of February 8, 2013, on "*Regulations on the procedures for the accreditation of teaching establishments and PhD Programmes by accredited institutions*", published in the Official Gazette of May 6, 2013, General Series, no. 104;
- GIVEN Rector's Decree no. 168 of July 18, 2013, implementing the provisions contained in Ministerial Decree no. 45 of February 8, 2013, to enact the University Regulations governing PhD studies, and subsequent amendments and additions;
- GIVEN the Protocol Agreement of April 7, 2006 between the Ministry of Education, Higher Education and Research, the University of Modena and Reggio Emilia, the "Marco Biagi" Foundation, and the Association for International and Comparative Studies in Labour Law and Industrial Relations, and subsequent amendments;
- GIVEN the Protocol Agreement of April 7, 2006 between the Ministry of Education, Higher Education and Research, the University of Modena and Reggio Emilia, the "Marco Biagi" Foundation, and the Association for International and Comparative Studies in Labour Law and Industrial Relations, and subsequent amendments;
- GIVEN Law no. 240 of December 30, 2010;
- GIVEN the legislation regarding apprenticeship contract for advanced training;
- GIVEN the legislation concerning the "Marie Curie" programmes, with which the European Union allocates funds for graduates selected in the programmes themselves intending to take part in PhD programmes;
- GIVEN the agreement stipulated with the Universities of Parma in relation to the Legal Sciences PhD course;
- GIVEN the resolution of the Academic Senate in its session of May 24, 2017 and the Executive Board in its session of May 26, 2017 approving the guidelines for the

- use of telematic methods for the selection procedures for admission to PhD programmes;
- GIVEN the resolution of the Senate of May 12, 2020 which approved the Guidelines for carrying out exams in the COVID-19 emergency period;
- GIVEN the Note from the Ministry of Education, Higher Education and Research of March 11, 2020, prot.7757 on the “*Operational indications on PhD Programmes accreditation procedures A.A. 2020-2021-XXXVI cycle*”;
- GIVEN the resolutions of the Senate of April 21, 2020 and of the Exexecutive Boards of April 24, 2020 and of May 14, 2020 which approved the planning and the establishment of PhD programmes, with administrative headquarters at the University of Modena and Reggio Emilia, for the academic year 2020/2021;
- GIVEN the rectoral decree 18 May 2020, n.355 with which determined the amount of tuition and fee charges for enrolment and attendance in PhD programmes for the academic year 2020/2021;
- Given that the Department of Biomedical, Metabolic and Neuroscience Sciences, the Department of Medical and Surgical Sciences, the Department of Studies on Language and Culture of the University were among the 180 Departments of Excellence, recipients of Ministry of Education, University and Research as part of the initiative concerning the Departments of Excellence 2018-2022, foreseen by Law No. 232/2016, as per Ministerial Decree 262/2017 and the note MIUR prot. n. 8414 of 11/07/2017;
- DEEMED it necessary to proceed with publication of the call for applications for the abovementioned courses pending the assessment of the Ministry of Education, Higher Education and Research on the activation of these courses, in order to respect the timetable envisaged by the Ministry of Education, Higher Education and Research for the publication of the rankings;

D E C R E E S

ARTICLE 1 – Institution

The University of Modena and Reggio Emilia hereby announces selection procedures for admission to the three-year PhD programmes listed in art. 17, which follows, for the XXXVI cycle, Academic Year 2020/2021.

The actual activation of courses and registration are subject to the approval by the Ministry of Education, Higher Education and Research upon positive opinion expressed by the National Agency for the Evaluation of the University System and Research (ANVUR), as indicated in the Ministry Note of March 11, 2020, prot. 7757 on the “Operational indications on PhD Programmes accreditation procedures A.A. 2020-2021-XXXVI cycle”.

Additional scholarships and positions may become available, even in the event that funding is provided by public or private bodies subsequent to the publication of this call for applications, but not after the publication date of the final rankings.

The number of scholarships may also be increased should ministerial funding (“*Piano Giovani*”) become available throughout the project, and may be assigned to qualified ranked candidates without a scholarship or other types of incompatible funding, who have correctly registered by the deadline and in accordance with the regulations of this competition.

Those candidates who are awarded scholarships will be required to carry out the research projects assigned to them by the competent Board of the PhD Programme, with the exception of any changes as set by the authority.

Those candidates successfully ranked in the list of admitted students who, at the time of their enrolment on the Programme (as indicated in art. 7), express an interest in being considered for an apprenticeship contract for advanced training, may later be selected by the University, to firms, for such a contract, in accordance with Legislative Decree no. 81/2015 and Interministerial Decree 12/10/2015. Selection will be made on the basis of candidates' specific qualifications.

There will be positions reserved for industrial doctorate for employees of the companies listed in art. 17, within the sections relating to Courses.

A candidate holding an apprenticeship contract or industrial doctorate may not at the same time hold a university scholarship or other types of awarded funding, this includes scholarships awarded by foreign Countries or those awarded within specific mobility programmes.

Apprenticeship contracts can be concluded only by candidates who have not yet reached their thirtieth year of age at the time of signing the contract.

This call is equivalent to notification to all intents and purposes. Any changes, updates or additions to the content of this call will be announced, **exclusively**, on the following website: <https://www.unimore.it/bandi/StuLau-Sdott.html>.

ARTICLE 2 - Admission requirements

The competition is open to any candidate, regardless of age or nationality, who as of **October 31, 2020**, holds an Italian degree obtained prior to D.M. 509/99 or an Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04), or an equivalent academic qualification from a foreign University, that has to be validated by the Selection Committee, following the legislation in force both in Italy and in the Country where the qualification was issued and within the international treaties or agreements on the recognition of international qualifications, in the case where degrees in specific subjects are required for admittance to the Programme.

Candidates who have a foreign academic qualification must submit any relevant documents useful for verifying equivalency (their degree certificate with a list of exams taken, along with an Italian translation, an authentication, and a "declaration of validity" "dichiarazione di valore in loco" issued by the competent Italian consular or diplomatic representative for the country, or, if not yet available, the description of the degree with a list of exams passed, by using Annex A2) to the PhD Office (Via Università, 4, 41121 – Modena), attaching the documents to the application for admission using the online procedure described in Art. 3.

Candidates who complete their degree after the deadline for this call must submit a Degree certificate or the form in Annex A2 (in case of degree awarded by a foreign institution) or a self-certification to prove that the degree has been conferred (using the form in Annex A1, in case of degree awarded by an Italian University):

- in case of degree completed before enrolment: by enclosing the form with the enrolment application form,
- in case of degree not yet completed when enrolling in the PhD Programme: by submitting the form to the PhD Office, by and no later than, October 31, 2020, using one of the following method: E-MAIL to the address segr.postlaurea@unimore.it .

For the purposes of admission to the doctorate course, in any case, Italian nationals and foreigners holding a foreign academic qualification must submit their degree certificate with a list of exams taken, along with an Italian translation, an authentication, and a "declaration of validity" ("dichiarazione di valore in loco") issued by the competent Italian

consular or diplomatic representative for the country, in accordance with current admission regulations concerning foreign students, to the PhD Office, by and no later than, December 31, 2020, using one of the methods described above. Further information is available at www.istruzione.it - "University" – "Foreign students". The University reserves the right to exclude from the competition any candidate who has not submitted the required documents by the deadline cited above without a justified reason.

Candidates who, at the date of the deadline of this call, are employed by the companies listed in Art. 17 within the sections relating to PhD Programmes, may take part in the selection process for industrial doctorates. For the purposes of registration to the Programme, suitable candidates must have a permanent or fixed-term contract of employment; in the case of fixed-term contracts, the duration of the contract, which is not relevant for the purposes of admission to the selection procedures, must in any case cover at least the official duration of the Programme (1 November 2020 – 31 October 2023).

The information sent by candidates will be carefully checked by the competent offices in order to verify correctness.

All candidates are admitted to the selection conditional upon verification of the aforementioned requirements.

The University Administration reserves the right to exclude, at any time, candidates who have not the requirements for admission.

ARTICLE 3 – Admission applications

Applications for admission to competitions and any required enclosures must be submitted following the online procedure by the final deadline of **July 7, 2020, at 1:00 p.m. (local time)**, when the competition closes. Candidates failing to comply will not be considered.

Candidates interested in a PhD Programme must submit an admission application, with a request to take part in the relevant selection procedure.

Candidates interested in more than one PhD Programme must submit a separate admission application for each individual Programme.

Candidates interested in applying for more than one selection procedure must submit the application forms for each of the selections in which they want to take part. This applies in case of PhD Programmes where there are more than one selection procedures (as indicated in art. 17 in the paragraphs related to each Programme), because of the different types of available reserved places.

Admission applications and any required enclosures (academic qualifications, documents and publications considered useful for competition purposes) must be submitted to this Administration before the final deadline for the competition, using the following method only:

- **by Internet**, on the University website <https://www.esse3.unimore.it/Home.do> (new users must register by selecting "Menu", top right, and then "Registration"; those who have already registered should select "Menu", top right, and then "Login" and proceed with the following steps: insert username and password, and then, select "Menu" – "Student Area/Registered Area" - "Admission" – "Admission Exams" – "Ph. D.");

All academic qualifications, documents and publications considered useful for the application procedure must be attached in .pdf or .rtf file form with a maximum size of 20 MB. Attachments larger than 20 MB must be divided into smaller files.

Each application must refer to a single selection procedure and will require a payment of € 25.00, not refundable, to cover administrative costs. Therefore, candidates wishing to apply to more than one selection procedure must submit a separate application and the € 25.00 fee for each selection procedure.

Payment must be made using the following method:
Access Esse3, by connecting to the University website at <https://www.esse3.unimore.it/Home.do> with your credentials, and under the menu item "Taxes" proceed with the payment through the PAGO PA circuit that allows to pay online (by choosing your Payment Service Provider – PSP) or alternatively to print the payment notice to be delivered personally to Banks and ATMS, SISAL, Lottomatica and ITB stores. From your personal Esse3 page, under the menu item "Taxes", you can print the payment receipt. With the PagoPa circuit, the payment acquisition times in Esse3 are normally comparable to those of the credit card.

The payment of € 25.00 must be made before July 7, 2020.

Candidates must keep the payment receipt for € 25.00. First year candidates should instead enclose it with the enrolment application form before the deadline and in accordance with the terms and conditions in art. 7.

The application for admission will be considered to be correctly filed only by saving the data ("Save the data") after the "Explicit confirmation of the validity of the application" given by the candidate at the end of the online procedure mentioned above.

Before the data saving ("Save the data") that follows the "Explicit confirmation of the validity of the application", and prior to the deadline for the competition, candidates may add, change or remove attached academic qualifications, documents and publications using the abovementioned website. The procedure is as follows: select "Menu", "Login", insert username, password, and then, in the Student area, select "Admission").

After the data saving ("Save the data") that follows the "Explicit confirmation of the validity of the application", in the case of errors or incomplete insertion of attachments using the online procedure, candidates can send an email to the PhD Office (segr.postlaurea@unimore.it) within the peremptory deadline of the call deadline (July 7, 2020, 1.00 pm) for requesting the reopening of the online procedure by attaching a scanned copy of an identity document. The candidate must make the corrections / additions he deems appropriate within the same deadline (July 7, 2020, 1.00 pm). In this case, please note that the candidate will have to save the "Save data" data again following the explicit confirmation of the application.

Applications and supporting enclosures may not be submitted by e-mail or fax.

The University Administration reserves the right to exclude, at any time, candidates who have not paid the fee of € 25.00 referred to in this Article.

The University Administration does not respond in the event that the candidate incurs errors in the choice of selection of his interest. In this case the candidate must produce new instance and provide for the payment of the contribution provided by the deadlines of this call.

Any communications to candidates concerning this call are made by e-mail. For this purpose is used e-mail address indicated by the candidate during the registration procedure referred in Article. 3. Candidates, whose email addresses are already present in the registry, are asked to want to update data if necessary.

In the event of any technical and/or operating difficulties, please write to the following e-mail address: webhelp@unimore.it.

Admission applications, submitted in accordance with the indications given above, will be considered valid only if they reach this Administration before the final deadline.

Therefore, any applications arriving after the deadline, or not submitted in accordance with above requirements, will not be considered.

As part of the procedural information in making the application, the candidate takes personal responsibility for declarations in relation to:

- a) name and surname;
- b) place and date of birth;
- c) residential address, telephone/cell number, elected domicile for the purposes of this competition, and e-mail address;
- d) tax identification number ("codice fiscale"- if candidates have one. Candidates who do not have a tax identification number need only to confirm the one that will automatically be assigned to them by the system);
- e) citizenship;
- f) possession of an Italian old ordinance degree or second level degree (laurea specialistica or laurea magistrale), or an equivalent academic qualification issued by a foreign University;
- g) the exact title of the PhD Programme chosen by the candidate;
- h) knowledge of a second foreign language (either French, German or Spanish), in addition to English;
- i) curriculum vitae (that must include the Skype address);
- j) academic qualifications and any other documents;
- k) publications;
- l) in the case of candidates with disabilities, in accordance with Law no. 104 of February 5, 1992 or with diagnosis of SLD, in accordance with Law no.170 of October 8, 2010, any accommodations required for taking the examinations. The same request for assistive devices to take the examinations must be sent by mail to: disabilita@unimore.it and segr.postaurea@unimore.it . (subsequently the candidate will be contacted by the *Welcome Office for Students with Disability* to agree on the methods of transmission of the relative medical certification).

By submitting the application, the candidate agrees:

- 1) to attend the PhD programme on a full-time basis, in accordance with the conditions established by the Teaching Committee;
- 2) to notify the University immediately of any changes in residence or address;
- 3) in the case of Italian nationals or foreign citizens holding a foreign degree, to send the degree certificate, with a list of exams taken, along with an Italian translation, an authentication and "declaration of validity" issued by a competent Italian diplomatic-consular representative for the country, in accordance with the regulations governing the admission of foreign students to Italian university degree courses, by the final deadline of December 31, 2020;
- 4) in the case of candidates who complete their degree after the deadline for this call, but before October 31, 2020, to send their degree certificate or facsimile attachment A2 (if

awarded by a foreign university) or a self-certification to prove that the degree has been conferred (if awarded by an Italian university, please use form in Annex A1), by the final deadline and in accordance with the conditions indicated in art. 2 of this competition. Candidates failing to comply will not be considered.

The Administration may decide, at any time, with its reasoned decision, the exclusion from the selection.

Admission applications and or related attachments will not be considered for any of the following reasons: submission or receipt of applications after the deadline or non-compliance with the procedural requirements of the competition.

The Administration cannot be held responsible for any loss of correspondence due to the following situations: incorrect contact details, failure or delay in notification of a change in address, technical errors, negligence of third parties, or a *force majeure*. Furthermore, the Administration shall assume no responsibility for attachments not received as a result of third-party involvement, faulty attachment of documents by the candidate, or any type of network failure.

ACADEMIC QUALIFICATION CERTIFICATES, DOCUMENTS AND PUBLICATIONS:

Candidates with any academic qualification certificates, documents or publications considered useful for the purposes of the competition procedures must attach the following certificates, documents and publications, except in the cases stipulated in Art. 17, for each Programme:

- 1) (for candidates holding an Italian degree) a self-certification to prove to meet the requirements (using the form in Annex A1) in accordance with articles 46 and 47 of the Presidential Decree 445/2000;
- 2) (for candidates holding a foreign degree) degree certificate with a list of exams taken, along with an Italian translation, an authentication, and a "declaration of validity" "dichiarazione di valore in loco" issued by the competent Italian consular or diplomatic representative for the country, or, if not yet available, the description of the degree with a list of exams taken together with a statement of truth of the certificates attached, by means of a self-certification in accordance with Articles 46 and 47 of the Presidential Decree 445/2000 using Annex A2;
- 3) scanned copy of a valid identity card or passport;
- 4) curriculum of research and teaching activities;
- 5) academic qualification certificates and documents considered useful for the purposes of evaluation with corresponding list;
- 6) letter/letters of presentation/reference/recommendation; in the online admission application candidates must enter name, surname, e-mail address, status, Institution/Organization of affiliation of the academic/researcher/expert for the letter of presentation/reference/recommendation. After the data saving ("Save the data") that follows the "Explicit confirmation of the validity of the application" by candidates, the computer system will send an e-mail to the referent to request to insert a presentation/reference/recommendation letter and containing the instructions for the upload. The deadline for the referent to upload the letter is July 10, 2020, at 23:59 (italian time); the candidates can check on the summary page of the application form (can be reached by accessing the University's website at <https://www.esse3.unimore.it/Home.do> and making the "Login") if the presentation/reference/recommendation letter was sent by the referent. Within the deadline of June 24, 2019, at 23:59 (italian time), the candidates can send to the referent who has not yet completed a reminder by selecting the item "reminder" from the summary page of the application form.

- 7) academic publications with corresponding list;
- 8) document in which the candidate expresses his or her interest in one of the curricula within the PhD programme, provided they are indicated in Art. 17 in the sections dedicated to each Programme. This is purely for information purposes and therefore not binding;
- 9) document in which the candidate expresses his or her interest in applying primarily for one or more reserved places, where provided and mentioned in art. 17 in the sections related to each PhD Programme (by completing Annex D1, D2, D3 or D4). Should the programmes have different types of reserved places the candidate may express interest for a single type of reservation.

Under article 15 of Law no. 183 of November 12 2011, certificates regarding personal qualities, status and facts issued by the public administration can be only used for private purposes. Self-certification, under articles 46 and 47 of Presidential Decree 445/2000, can replace attested declarations for public administration or public services purposes.

Publications in languages other than Italian, English, French, German or Spanish, or which do not include a summary in one of the abovementioned languages, must be produced in the original language and translated into Italian.

Certificates issued by the competent authorities of the foreign candidate's country of citizenship must comply with the provisions in force in the same country. Certificates in a language other than Italian, English, French, German or Spanish, must also be translated and authenticated by the competent Italian diplomatic or consular authorities.

An Italian translation must be attached to all documents written in a language other than Italian, English, French, German or Spanish and must be certified as conforming to the foreign text by a competent Italian diplomatic authority or an official translator.

ARTICLE 4 – Selection Committee

Each committee responsible for the evaluation of candidates will be appointed by a Rector's decree and composed of three permanent members and one or more substitute members. They will be selected from the University's tenured professors and researchers. A maximum of two Italian and/or foreign experts may be chosen from public and private research bodies or institutions. An administrative staff clerk may be called to verbalize.

ARTICLE 5 – Admission procedures

The selection procedure and schedule of examinations, where applicable, are indicated in art.17, in the sections relating to each PhD Programme.

In the event of selection procedures requiring an interview and written test, the interview procedures are indicated in art.17, in the sections relating to each PhD Programme

Where specified in the selection procedure, the required interview will include a language proficiency test in English and in another optional foreign language indicated by the candidate at the time of application.

The programs used for the interview and the written test are indicated in the section relating to each PhD programme in art.17. The operational indications will be illustrated by the Selection Committee by email sent to the candidates at the end of the evaluation of academic and research records.

In the case of assessment based on qualifications only, the Board may contact the candidates via audio and video web conference (Skype) for an interview to discuss the materials submitted; for this reason, candidates must enter their Skype address in their curriculum. This interview will not lead to any additional score

In the event of selection procedures requiring examinations or academic and research records and exams, candidates will be admitted subject to presentation of a valid identification document.

ARTICLE 6 – Ranking

At the end of the selection process, each committee will publish a final merit-based list ranking the candidates.

The final merit list will be approved by a Rector's Decree, once all documentation has been declared valid.

Candidates will be admitted to Programmes according to their positioning on the merit list until all available places have been allocated for each PhD Programme.

The final rankings of candidates will be announced publicly exclusively by:

- publication on the University website at <https://www.unimore.it>, under: ("Academic programmes"/"Doctorate Programmes"), within the designated section for each PhD Programme.

Should a candidate qualify for a place in more than one ranking, he/she may register for only one PhD Programme.

Candidates may not enrol in a PhD Programme if they are already enrolled in another PhD Programme, Degree or Diploma Programme, Specialisation Programme (medical area excepted), Tirocinio Formativo Attivo (Teachers' Training Programmes) or Level I and II Master's Programme of the University of Modena and Reggio Emilia, or any other University.

Candidates in a position in the ranking list for admission to the PhD Programme may at the same time attend the programme and the last year of a Specialization School in medical area, in compliance with the following criteria:

- the joint attendance of the last year of the Specialization School and the PhD programme is permitted only when the place of attendance of both programmes is the same;
- students enrolled on the last year of the Specialization School can enroll on the PhD Programme, following art. 7, they will have to submit the no impediment form issued by the Specialization School Committee decided on the compatibility with the commitment and the activities required by the School itself;
- admission to the second year will be decided by the PhD Programme Teaching Committee depending on the research activities carried out throughout the Specialization School when students attended both the PhD Programme and the Specialization School. Research activities have to be confirmed also by the Specialization School Committee;
- when students are attending both the Specialization School and the PhD Programme they cannot benefit from the PhD scholarship.

ARTICLE 7 – Enrolment

Within the mandatory ten-day time limit, starting from the day after the publication of the final rankings on the University Web site (as cited above in Art. 6), those candidates qualifying for a place on the merit list must enrol in the first year of the PhD Programme, using the method mentioned below (Failure to comply will result in the loss of right to admission):

by internet, through the University website at <https://www.esse3.unimore.it/Home.do> (select “Menu”, than ‘Login’ and, using the username and password assigned by the system at the time of registration for the competition, or the one already held by students of the University of Modena and Reggio Emilia, follow the instructions: “Student Area” - “Enrolment” – “Enrolment according to ranking”; if an applicant has forgotten his/her username and password, assistance is available via email at webhelp@unimore.it).

Candidates will be asked to enclose the digital copy of the following documents:

- a) digital passport photo (in JPEG or BITMAP format);
- b) scanned copy an identity document, duly signed;
- c) scanned copy of the tax identification card;
- d) scanned copy of the receipt for the payment of € 25.00 required for participation in the competition, in accordance with art. 3;
- e) self-certification to prove the possession of a university degree (using the form in Annex A1 for Italian degrees or the form in Annex A2 for foreign degrees), in case of degree already awarded;
- f) in case of applicants with scholarship, Annex G “Declaration accompanying application for enrolment on a PhD Programme” - part 1 and part 2;
- g) in case of applicants without scholarship, Annex H “Declaration accompanying application for enrolment on a PhD Programme”;
- h) declaration of interest in a possible apprenticeship contract for advanced training to be drawn up in accordance with Legislative Decree no. 81/2015 and Interministerial Decree 12/10/2015 in conjunction with any interested firms (using Annex E). This is purely for information purposes and is, therefore, not binding;
- i) (in case of students of specialization schools in the medical area) a written permission issued by the Specialization School Committee, following previous art. 6.
- j) (in case of students awarded a position reserved for applicants for the industrial doctorate) the copy of their job contract or a declaration by their employer or self-certification under articles 46 and 47 of Presidential Decree 445/2000 regarding the type and length of contract, in accordance with article 2 of this Call. Candidates not already in possession of the above documentation must submit it by October 31, 2020 via e-mail to segr.postlaurea@unimore.it

Please note that the mere completion of the online form is NOT sufficient for enrolment. PhD students must pay the single tuition payment by the aforementioned deadline date (i.e. within ten days of the publication of the rankings). Failure to comply within this deadline will result in exclusion from the PhD program.

Payment must be made at the end of the enrolment procedure using one of the following methods:

Access Esse3, by connecting to the University website at <https://www.esse3.unimore.it/Home.do> with your credentials, and under the menu item “Taxes” proceed with the payment through the PAGO PA circuit that allows to pay online (by choosing your Payment Service Provider – PSP) or alternatively to print the payment notice to be delivered personally to Banks and ATMS, SISAL, Lottomatica and ITB stores. From your personal Esse3 page, under the menu item “Taxes”, you can print the payment receipt. With the PagoPa circuit, the payment acquisition times in Esse3 are normally comparable to those of the credit card.

The print copy of the enrolment application and receipt of payment must be kept by the applicant and not submitted to the Office.

Candidates gaining their academic qualification after the date of enrolment must submit Annex 1 (if the qualification is conferred in Italy) or Annex 2 (if the qualification is conferred abroad) to the PhD Office (Via Università n.4, 41121-Modena) no later than October 31, 2020, using the following method: E-MAIL to the address segr.postlaurea@unimore.it.

Italian nationals and foreigners holding a foreign academic qualification must present their degree certificates with a list of exams taken, along with an Italian translation, and a “declaration of validity” (“dichiarazione di valore in loco”) provided by the Italian Consulate or diplomatic representative for the country concerned, to the PhD Office (Via Università 4, 41121 Modena), no later than December 31, 2020, using the following methods: E-MAIL to the address segr.postlaurea@unimore.it.

In absence of “declaration of validity” (“dichiarazione di valore in loco”), this Administration may, in his unquestionable judgment, decide not to pay the doctoral scholarship until the “declaration of value” is presented. In any case, once presented, if this highlights the absence of the admission requirements, we will proceed with the exclusion of the PhD student.

As soon as the registration procedure has been completed, all recipients of scholarships must register with the I.N.P.S. Separate Management Fund (“Gestione Separata”) and forward a self-certification to prove registration (using ANNEX F “Self-certification of subscription to Gestione Separata Inps”) to the Salaries Office (“Ufficio Contabilità”) by October 31, 2020, by sending a scanned copy to via e-mail ufficiostipendi@unimore.it. If PhD students are already registered with the I.N.P.S (Italian Social Security Institute) Separate Management Fund as a result of previous collaboration with other institutions, they merely need to forward the self-certification confirming the registration with the I.N.P.S (by fax as indicated above).

Foreign citizens who do not yet have a tax identification number must apply to the “Agenzia delle entrate” (Italian Revenue Agency) upon arriving in Italy and must forward a copy of the card issued by the Agency before October 31, 2020, to the PhD Office, by fax at +39 059/2056574 or by sending a scanned copy via mail to segr.postlaurea@unimore.it.

For information and assistance concerning the Tax ID code, housing, residence permit, registration with the I.N.P.S. Separate Management Fund (“Gestione Separata”), foreign nationals may submit a request to the International Welcome Desk Office, at: internationalwelcomedesk@unimore.it .

Any candidates who have not completed their enrolment in accordance with the terms and conditions indicated above will be considered as withdrawn.

In the event that, from the documentation presented by the candidate, are found, false declarations relevant for the purposes of registration, without prejudice to the penal sanctions referred to in Article 76 of the D.P.R. n.445 dated 28/12/2000 and subsequent modifications, the candidate automatically is excluded, and any enrollment and the fees paid by the interested party will not be refunded.

The university administration reserves the right to ask enrolled students to complete the enrolment documentation if incomplete and/or to provide payment receipt of the single or first instalment.

Any remaining places will be assigned to alternate candidates, according to their positioning on the final merit list.

Vacant reserved places can be filled by other selected candidates or, when there are more than one selection procedures, they will be added to the number of available places of the main selection.

ARTICLE 8 – Reassignment of Places

In the event of vacancies, eligible candidates will be contacted by e-mail and will be invited to enrol, in accordance with the requirements indicated in the preceding article, within four days from the time of receipt of the email. Failure to comply will result in loss of the right to admission.

The procedure will be considered complete within 90 days from the day the list of admitted candidates for the academic year 2020/2021 is posted on the University Web site, under art. 6.

ARTICLE 9 - Scholarships

The number of study scholarships assigned is indicated in art. 17, divided by courses; these scholarships will be awarded according to the positioning of candidates on the final merit list.

In the case of candidates of equal merit, a decision will be made on the basis of the candidates' financial situation, determined in accordance with the Italian Prime Minister's Decree of April 30, 1997 and subsequent amendments. Candidates of equal merit will be requested by e-mail to submit for the purposes of evaluating their financial situation:

- Receipt of submission of the Single Sworn Declaration for calculating the ISEE bracket (DSU); this must be forwarded within the final deadline of four days from the day the e-mail was sent. Failure to comply will result in loss of the right to admission.
- The formal I.S.E.E. (Indication of Equivalent Financial Situation) by I.N.P.S.; this must be forwarded within the final deadline of ten days from the day the e-mail was sent. Failure to comply will result in loss of the right to admission.

The annual amount of a study scholarship is € 15.343,28 (barring subsequent regulatory amendments) and is subject to the I.N.P.S. social security contribution under the separate management fund.

Study scholarships are automatically renewed when PhD students continue in the following year, unless a motivated ruling to the contrary is made by the Teaching Committee.

Study scholarships will be paid in monthly deferred instalments.

PhD scholarships cannot be combined with other scholarships or other forms of financial assistance paid by the University and/or the State, with the exception of those designed to be integrated with PhD student research activities, for periods spent abroad.

Scholarship amounts will be increased by 50% for periods spent abroad of no longer than 18 months.

ARTICLE 10 - Fees for PhD Programmes

Fees for PhD programs in "Clinical and experimental medicine (CEM)", "Molecular and regenerative medicine" and "Neurosciences" which must be paid in one installment to the enrollment by those who enroll are € 181.05 (the amount of the payment slip that can be downloaded online includes the regional tax, the stamp duty and the insurance coverage with medical fault and contagion risk).

Fees for other PhD programs which must be paid in one installment to the enrollment by those who enroll are € 159.05 (the amount of the payment slip that can be downloaded online includes the regional tax, the stamp duty and the insurance coverage).

Candidates, if in possession of the provided requirements, can apply to Er.GO (Regional Agency for the Right to Higher Education) for the following benefits:

- Scholarship (financial support to the study, with admission by ranking list) incompatible with other types of scholarships awarded for any purpose;
- Accommodation facilities, (with admission by ranking list) for non-resident students “Fuorisede”;
- Subsidies for catering service.

Therefore, anyone intending to apply for one of the aforementioned benefits must exclusively refer to the Announcement and to the Application procedure of the Regional Agency for the Right to Higher Education – District headquarters of Modena and Reggio Emilia for the 2020/2021 academic year, that will be available at www.er-go.it (selecting “Servizi” – “Diritto alla studio”) starting from the middle of July 2020.

To request interventions for the right to study it is necessary to be in possession of the ISEE Certification 2020 for subsidized services for the right to university study.

The 2020/2021 ISEE Guide is available on the ER.GO website:

https://www.er-go.it/fileadmin/user_upload/mvm/BANDI_2020_2021/GUIDE_REGOLAMENTI/Guida_ISEE_2020_2021.pdf.

Applications can be submitted even if not yet enrolled on a PhD Programme. Therefore, applications can be submitted even if the final rankings of candidates for admission to PhD Programmes have not yet been announced publicly.

For information and advice exclusively in completing the online application contact:

- “Parla con ER.GO” 051.19907580 – available every day from Monday to Friday - from 9.30 am to 4.00 pm
- “ER.GO Risponde” – <http://www.er-go.it/fileadmin/include/faq/index.php>

Yearly fees for PhD students awarded with places reserved for “apprenticeship contract for advanced training”, under Legislative Decree no. 81/2015 and Interministerial Decree 12/10/2015, are Euro 2,500.00.

These fees will be entirely covered by the Emilia-Romagna Region, which will directly pay the University of Modena and Reggio Emilia on behalf of the students.

The student must make the payment of fees with the amount and in the manner and time allowed as indicated above by the call for regular enrolment in a PhD.

The University will only refund the money to the PhD student once it has received payment from the regional authority.

Should the amount paid by the regional authority be higher than the one that was paid by the student, the remaining amount will be kept by the University to cover expenses related to the PhD Programme.

Should the regulations set for the “apprenticeship contract for advanced training and research” not be observed and the regional authority thus fail to cover the fees, the University will not refund students.

The amounts, and the deadlines for the contribution for the following years will be determined from year to year and will be notified on the web page <http://www.unimore.it/didattica/dottorati.html> (approximately towards the end of July).

ARTICLE 11 - Rights and Responsibilities of PhD Students

PhD Programmes require a full-time and exclusive commitment. PhD students may accept forms of employment pending authorization from the PhD Programme Teaching Committee. For PhD students with scholarship, work activities must regard jobs directly pertaining to the PhD research area and should be formative in nature. Students without scholarship must also obtain authorization from the Teaching Committee though the right to support oneself economically will be taken into consideration. Research grants to PhD students without scholarships are allowed, provided the Teaching Committee deems the research area compatible with topic of the doctoral thesis. PhD students are required to perform the research projects assigned to them and to be involved in related study, further research, and teaching, as well as any internships affiliated with public or private bodies, in accordance with the requirements set by the competent Teaching Committee. Students who fail to comply may be withdrawn from the programme.

The other responsibilities and rights of doctoral students, including incompatibility, exemption from the obligation to attend, and the conditions of exclusion, as well as the procedure for awarding the PhD, are regulated by the provisions in art. 16 of this competition.

ARTICLE 12 – Public employees

In accordance with the law, upon submitting an application, public employees who are admitted to a doctoral programme, in keeping with administrative requirements, are granted a leave of absence for study purposes, without remuneration, for the duration of the programme, and will receive a research grant, where applicable. In cases where they are admitted to a PhD programme without a scholarship, or if they decline a scholarship, they shall be entitled to the remuneration, insurance, and pension contributions pertaining to the public body by which they are employed. In cases where the employment relationship with the public body is terminated by the employee within two years after the awarding of the PhD degree, the employee shall be required to reimburse the amounts of the abovementioned remuneration and contributions.

Public employees who have already earned a PhD or who have been enrolled in a PhD program for at least one year, thereby benefiting from a leave of absence, are not entitled to an additional leave of absence with or without remuneration.

The period of the leave of absence shall be taken into account for purposes of career advancement as well as insurance and pension entitlements.

ARTICLE 13 – Awarding of the PhD

The PhD is awarded upon completion of the PhD Programme, when students pass their final examination that consists in the presentation of a PhD Thesis on an original research, carried out meticulously and where results are adequately and scientifically relevant. Should the assessment be negative, the final examination cannot be repeated.

Thesis defense will take place before an Examination Board appointed in compliance with the University PhD Research Program Regulations.

The title of PhD is awarded by the Rector. The issue of the above title is dependent upon the candidate's submission of three copies of the final thesis to the competent office, two to be sent to the National Libraries of Florence and Rome respectively, and one (in electronic form) to the library of the Department sponsoring the PhD Programme. All doctoral theses will be digitally published in the "open access" archives of the University, "MoReThesis", which shall be responsible for assuring its conservation and availability to the public. All doctoral theses will be registered by the University in the ministerial database in compliance with the related legislation in force on copyright issues.

Upon completion of the PhD programme, graduates will be invited to fill out a "Questionnaire on the opinions of programme attendees" for the Alma Laurea database.

This will enable the Alma Laurea Inter-University Consortium to monitor the training of doctoral students.

ARTICLE 14 – Handling of personal data

The University Administration, in accordance with EU Regulation 2016/679 and Legislative Decree 196/03, as amended by Legislative Decree 101/2018, will use the applicant's personal data solely for the fulfilment of the selection procedures and for administrative purposes.

In accordance with the principles to mentioned rules, by participating in the competition, the candidate authorizes the University of Modena and Reggio Emilia to publish his/her personal data as well as information relating to the admissions examinations on the University website.

ARTICLE 15 – Publication

This call is equivalent to notification to all intents and purposes. It will be published on the website of the University <https://www.unimore.it/bandi/StuLau-Sdott.html> and on the Website of the Ministry of Education, Higher Education and Research <http://bandi.miur.it/doctorate.php/public/cercaFellowship>.

Any changes, updates or additions to the content of this call will be announced, exclusively, on the following website: <https://www.unimore.it/bandi/StuLau-Sdott.html>.

ARTICLE 16 – Additional Regulations and Director responsible for overseeing all procedures

For matters not explicitly covered in this application procedure, refer to the provisions contained in art. 4 of Law no. 210 of July 3, 1998, art. 19 of Law no. 240 of December 30, 2010, Ministerial Decree no. 45 of February 8, 2013 and to the University regulations in force governing PhD Programmes and to the Teaching Regulations of the University of Modena and Reggio Emilia.

The Director responsible for overseeing all procedures is the Representative of the PhD Office (Dr. Filippo Cavazzuti - Via Università, 4 – Modena - e-mail: segr.postlaurea@unimore.it).

For further information, candidates may contact the PhD Office - Via Università 4, 41121 Modena - phone +39 059/2056423 - e-mail: segr.postlaurea@unimore.it .

ARTICLE 17 – List of Doctorate Research Courses

1) PhD Programme in “CLINICAL AND EXPERIMENTAL MEDICINE (CEM)”

Places with scholarship: 16, of which

- 1* with topic “Injury and repair: clinical and pre-clinical models in patients with respiratory insufficiency, chronic airway diseases and interstitial lung diseases”;
- 1* with topic “Microsurgical therapeutic possibilities for arm lymphedema following surgical and radiotherapeutic breast treatment”
- 1* with topic “Prevention and management of preterm birth”
- 1* with topic “Genomic characterization of chronic myeloproliferative neoplasms”
- 1** with topic “Environmental and life-style determinants of conversion from mild cognitive impairment to dementia”
- 1*** with topic “Gender-related response to Tyrosine Kinase-Inhibitor drugs in hepatocellular carcinoma”

Places without scholarship: 3**Reserved places:**

- 3 without scholarship for candidates with a degree awarded by a foreign University.

Places reserved for industrial doctorate:

- 1 employee of Boston Scientific Spa, with registered offices in Milano, Viale Forlanini 2;

- 1 employee of Merck Serono Spa, with registered offices in Roma, Via Casilina 125.

Reserved places:

- 1 place funded by with a three-year research grant (Title of the research project is: **The role of peripheral steroids and neurosteroids in pathophysiology of the central nervous system** – Tutor: Prof. Giuseppe Biagini – SSD: BIO/09 Physiology) – yearly amount of the grant (gross amount) € 19.367,00 (with funds from the MIUR Call "Department of Excellence 2018-2022" - Department of Biomedical, Metabolic and Neuroscience Sciences and University of Modena and Reggio Emilia - CUP: E91I18001480001);

* With funds from the MIUR Call "Department of Excellence 2018-2022" - Department of Medical and Surgical Sciences - University of Modena and Reggio Emilia - CUP: E51I18001190005.

** With funds from the MIUR Call "Department of Excellence 2018-2022" - Department of Biomedical, Metabolic and Neural Sciences - University of Modena and Reggio Emilia - CUP: E91I18001480001.

*** With funds from AIFA Call 2017- Department of Surgery, Medicine and Dentistry - University of Modena and Reggio Emilia - CUP: E54I19001140005

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure (for all seven selection procedures): There are seven different selection procedures for this PhD Programme, depending on the type of available places. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;

2) Curriculum vitae of the scientific and teaching activities written in Italian or English indicating university qualifications held;

3) A summary of the final thesis in Italian or English, or equivalent, in a minimum of three and maximum of six pages organised under the following headings: subject of the thesis, research methodology, results obtained and their relevance for the study of mechanisms, diagnosis and therapy of human diseases;

4) A brief statement of no more than two pages written in English, outlining the motivation for attending the PhD Programme and a description of his/her areas of specific research interest (Statement of Research Interest);

5) Certification attesting the knowledge of the English language (TOEFL, Proficiency or other);

6) GRE (Graduate Record Examination) certificates;

7) At least two letters of presentation/reference/recommendation written by professors of the institutions in which the candidate has been training/working, which must be produced

directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call;

- 8) Scientific activity or certified courses abroad;
- 9) Fellowships and stipends for research or higher education;
- 10) Names, affiliation and email addresses of one or more referees.

With reference to selection procedure no. 1 mentioned below, candidates that intend to apply primarily for reserved place with three-year research grant “The role of peripheral steroids and neurosteroids in pathophysiology of the central nervous system”, must fill in and attach to the online application form the facsimile “Annex D3” of this call.

With reference to selection procedure no. 1 mentioned below, candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved places, must fill in and attach to the online application form the facsimile "Annex D2" of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved places.

1) Main selection (for places with scholarship, places without scholarship, places reserved for industrial doctorate and three-year research grant “The role of peripheral steroids and neurosteroids in pathophysiology of the central nervous system”): based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

The Selection Committee will decide whether to admit or not only those who have applied primarily for the reserved place with three-year research grant “**The role of peripheral steroids and neurosteroids in pathophysiology of the central nervous system**” based on the following evaluable aspects:

- Laurea Magistrale or equivalent qualification (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04 or Italian degree obtained prior to D.M. 509/99) or equivalent qualification obtained abroad;
- experience in reproductive pathophysiology, especially andrology.

The reserved place with three-year research grant will be assigned, among the candidates who have expressed the priority interest, to whom who will have the highest score in the ranking.

The reserved places for candidates with a degree awarded by a foreign University will be allocated to the students reaching the best three ranking positions among those who have a foreign degree.

The reserved places for the industrial doctorate will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

2) Selection procedure for a place with scholarship with topic “Injury and repair: clinical and pre-clinical models in patients with respiratory insufficiency, chronic airway diseases and interstitial lung diseases”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

3) Selection procedure for a place with scholarship with topic “Microsurgical therapeutic possibilities for arm lymphedema following surgical and radiotherapeutic breast treatment”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

4) Selection procedure for a place with scholarship with topic “Prevention and management of preterm birth”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

5) Selection procedure for a place with scholarship with topic “Genomic characterization of chronic myeloproliferative neoplasms”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

6) Selection procedure for a place with scholarship with topic “Environmental and life-style determinants of conversion from mild cognitive impairment to dementia”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

7) Selection procedure for a place with scholarship with topic “Gender-related response to Tyrosine Kinase-Inhibitor drugs in hepatocellular carcinoma based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Final degree mark: from 0 to 10 points,
- Thesis/summary: from 0 to 12 points,
- Publications: from 0 to 4 points,
- Research statement: from 0 to 12 points,
- Periods of research abroad: from 0 to 5 points,
- Letters of presentation: from 0 to 12 points,
- Other qualifications (English language certificates, information and communication technology certificates, scholarships, awards, masters, PhD, work placements and others): from 0 to 5 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

Areas of the PhD Programme: The Doctorate is organized in 3 curricula: - Public Health - Translational medicine – Nanomedicine, Medicinal and pharmaceutical sciences.

The Teaching Committee may propose to one or more students enrolled, considered suitable, a programme of study and research in collaboration with the French University of Angers that will result in the achievement also of the title of French PhD in "*Biology and health*". Official course language: English.

Further information on research lines for each curriculum and the relative tutor is available on the PhD Programme website:

<http://www.cem-phdschool.unimore.it/>

2) PhD Programme in “INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)”

Places with scholarship: 7*, of which

- 1 with topic “**Artificial Conversational Entity (Intelligent Chatbot i.e. artificial intelligence programs simulating interactive human conversations)**”;

- 1 with topic “**Development, implementation and testing of techniques based on time series and data mining to environmental, hydrological and hydraulic data**”;

Places without scholarship: 2

Places reserved for industrial doctorate:

- 1 employee of Expert Lab Service Srls, with registered offices in Modena, viale Virgilio 58/L.

- 2 employees of Raw Power Srl, with registered offices in Reggio Emilia, via Fratelli Cervi 80.

Reserved places:

- 1 place funded by with a three-year research grant (Title of the research project is: **Study, modeling simulation and design of nanoelectronic and iontronic devices for sensors and actuators** – Tutor: Prof. Luca Selmi – SSD: ING-INF/01 Electronics) – yearly amount of the grant (gross amount) € 19,367.00 (with funds on the project: European Project H2020 IN-FET Ionic Neurostimulation for Epilepsy Treatment, CUP: G54I19000930006);

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure (for all the selection procedures): There are four different selection procedures for this PhD Programme, depending on the type of available places. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following documents:

1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams

- taken and grades achieved, in the case of candidates who have not yet completed the final graduation exam, must be presented the list of the examinations and the votes given;
- 2) curriculum vitae of research and teaching activities, written in Italian or English, indicating university degree qualifications obtained;
 - 3) a summary of the master thesis, in Italian or English – minimum of three and maximum of six pages – organised under the following headings: motivations, research methodology used, results obtained, in the case of candidates who have not yet graduated, a written presentation of the thesis that will be discussed;
 - 4) a brief statement of no more than two pages written in English, outlining the candidate's motivation for attending the PhD Programme and a description of his/her research interests (Statement of Research Interest). The candidate must express preference for a maximum of two curricula among the three offered by the Doctoral Program, and for a research topic in the chosen curricula among those published on the Course website <http://www.ict.unimore.it/> - entry " Research Topics ");
 - 5) any certification attesting the knowledge of the English language (TOEFL, Proficiency or other);
 - 6) any GRE (Graduate Record Examination) certificates.
 - 7) up to three letters of reference which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.

With reference to selection procedure no. 1 mentioned below, candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved place, must fill in and attach to the online application form the facsimile "Annex D2" of this call.

The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved place.

1) Main selection (for places with scholarship, places without scholarship and place reserved for industrial doctorates): based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum of its own scientific and didactic activity: from 0 to 40 points,
- Exams taken and grades achieved: from 0 to 10 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

Once the qualifications have been assessed, the Selection committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 40/60 will be considered eligible.

The reserved places for the industrial doctorate will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

2) Selection procedure for a place with scholarship with topic “Artificial Conversational Entity (Intelligent Chatbot i.e. artificial intelligence programs simulating interactive human conversations)”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum of its own scientific and didactic activity: from 0 to 40 points,
- Exams taken and grades achieved: from 0 to 10 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

Once the qualifications have been assessed, the Selection committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 40/60 will be considered eligible.

3) Selection procedure for a place with scholarship with topic “Development, implementation and testing of techniques based on time series and data mining to environmental, hydrological and hydraulic data”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum of its own scientific and didactic activity: from 0 to 40 points,
- Exams taken and grades achieved: from 0 to 10 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

Once the qualifications have been assessed, the Selection committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 40/60 will be considered eligible.

4) Selection procedure for a place funded by a three years research grant with topic “Electronic and iontronic devices for sensors and actuator”: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum of its own scientific and didactic activity: from 0 to 40 points,
- Exams taken and grades achieved: from 0 to 10 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

Once the qualifications have been assessed, the Selection committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 40/60 will be considered eligible.

Areas of the PhD Programme: The Doctorate offers three curricula: 1) Computer engineering and Science; 2) Electronics and Telecommunications; 3) Industrial

Applications of ICT). The topics of the ICT Doctorate concern the disciplines of Computer Engineering and Science, Electronics, Electronic Measurements, Telecommunications, Electromagnetic Fields, Control Theory and Automation and Electrical Engineering, as well as applications of the above mentioned disciplines subject areas of the H2020 and Horizon Europe programmes and the national plan for research (PNR).

The Teaching Committee may propose to one or more students enrolled, considered suitable, a programme of study and research in collaboration with the Federal University of Technology – Paraná (Brasil) that will result in the achievement also of the title of Brazilian PhD in "*Doctor in Electrical and computer engineering*".

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study.

Further information is available from the PhD Programme website at: <http://www.ict.unimore.it/> (entry " Research Topics ").

The Course is inside del Doctoral School in "E4E (Engineering for Economics – Economics for Engineering)".

3) PhD Programme in "INDUSTRIAL INNOVATION ENGINEERING" (Main centre: Reggio Emilia)

Places with scholarship: 4

Places without scholarship: 2

Places reserved for industrial doctorate:

- 1 employee of Piomagier Srl, with registered offices in in Bologna, Via Domenico Morelli n.4/A;

Reserved places:

- 1 with apprenticeship contract for advanced training of three years financed by the Electric80 Spa for work training and research activities on the issue for carrying out work, training and research activities on the topic of development of optimization methods for pickup and delivery problems with the following characteristics study of optimization methods and operational research, development of mathematical models, implementation of heuristic algorithms, and analysis of dynamic components for pickup-and-delivery problems and assignment of tasks to AGV in warehouse logistics (the trainees will be hired at the company plant located in via Viano (RE), Via Marconi n.23, to cover an operating position, following the regulations set in the collective labour agreement on what concerns the terms for the Metalworking Industry sector to which the company belongs);

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may present additional documents:

1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;

- 2) curriculum vitae of research and teaching activities, written in Italian or English, indicating university degree qualifications obtained;
- 3) a summary of the master thesis, or equivalent, in Italian or English – minimum of three and maximum of six pages – organised under the following headings: motivations, research methodology used, results obtained;
- 4) a brief statement of no more than two pages written in English, outlining the candidate's motivation for attending the PhD Programme and a description of his/her specific areas of research interest (Statement of Research Interest).
- 5) certification attesting the knowledge of the English language (TOEFL, Proficiency or other);
- 6) GRE (Graduate Record Examination) certificates;
- 7) reference/recommendation letters (between one and three) written by experts in the fields of research of the PhD Programme, indicating the public or private institution/organization he/she is affiliated with, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.

Candidates that intend to apply primarily for reserved place with apprenticeship contract for advanced training, must fill in and attach to the online application form the facsimile "Annex D1" of this call.

Candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved place, must fill in and attach to the online application form the facsimile "Annex D2" of this call.

The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved place.

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Grades of the exams, including the final degree: from 0 to 10 points,
- Motivation for attending the PhD Programme and aptitude for carrying out research activities: from 0 to 25 points,
- Other qualifications: from 0 to 5 points.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

Once the qualifications have been assessed, the Selection committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 30/60 will be considered eligible.

The Selection Committee will decide whether to admit or not only those who have applied primarily for the reserved place with apprenticeship contract for advanced training based on the following evaluable aspects:

- Laurea Magistrale (or equivalent qualification) in management engineering;
- Knowledge in the area of operations research, in particular algorithms and models for mobility and transport, also with reference to autonomous vehicles;
- Experience in object-oriented programming.

The judgment of suitability or not for the reserved place does not affect the score assigned to the candidates but is useful only for the purpose of assigning the reserved place; the

reserved place will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

The reserved place for the industrial doctorate will be allocated to the candidate reaching the best ranking positions among those who have applied primarily for the reserved place.

Areas of the PhD Programme: The Ph.D. course in Innovation Industrial Engineering consists of two different curricula: Engineering Management, Mechatronics and Energy Engineering. All two curricula share a strong orientation toward innovation processes. The Teaching Committee may propose to one or more students enrolled, considered suitable, a programme of study and research in collaboration with the Federal University of Viçosa (Brasile) that will result in the achievement also of the title of Brazilian PhD in "*Computer Science*".

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study.

Further information is available from the PhD Programme website at: www.iii.unimore.it

The Course is inside the Doctoral School in "E4E (Engineering for Economics – Economics for Engineering)".

4) PhD Programme "Enzo Ferrari" in INDUSTRIAL AND ENVIRONMENTAL ENGINEERING"

Places with scholarship: 7

Places without scholarship: 3

Reserved places to candidates with scholarship of foreign Countries: 1

Reserved places for industrial doctorate:

- 4 employees of Ferrari Spa, with registered offices in Modena, via Emilia Est n.1163.
- 1 employee of Il Sentiero International Campus srl, with registered offices in Schio (VI) Via Friuli n.11;
- 1 employee of IQM srl, with registered offices in Modena, Via Mario Vellani Marchi n.50;
- 1 employee of Lincotek Rubbiano Spa, with registered offices in Rubbiano di Solignano (PR), Via Mistrali n.7;

Reserved Places:

- 1 place funded by with a three-year research grant (Title of the research project is: **Finishing processes, hardening treatments and protective coatings and films for additive manufactured metallic components: from design to the testing of prototypes** – Tutor: Prof. Luca Lusvarghi – SSD: ING-IND/22 Science and technology of materials) – yearly amount of the grant (gross amount) € 19.367,00 (with funds from "Programma POR-FESR 2014-2020 Asse 1 Ricerca e Innovazione – Azione 1.2.2 – Bando per progetti di ricerca industriale strategica rivolti agli ambiti prioritari della Strategia di Specializzazione Intelligente – Progetto RIMMEL – Rivestimenti multi-funzionali e multi-scala per componenti meccanici in acciaio e leghe di alluminio fabbricati mediante additive-manufacturing (PG/2018/631311). CUP B91F18000370009")

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure (for the two selections): There are two different selection procedures for this PhD Programme, depending on the type of available places. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates are required to submit the following additional documents:

- 1) list of exams taken, inclusive of related credits and grades;
- 2) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), in both cases the final mark for the degree must be clearly indicated, as well as the maximum mark envisaged for this qualification by the University awarding the degree;
- 3) curriculum vitae written in Italian or English indicating higher education qualifications;
- 4) a summary of final thesis in Italian or English, or equivalent – minimum of three and maximum of six pages – organised under the following headings: statement of purpose, research methodology used, results obtained;
- 5) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest);
- 6) any certification attesting to knowledge of the English language (TOEFL, Proficiency or other);
- 7) any GRE (Graduate Record Examination) certificates;
- 8) any recommendation/reference letters (maximum three) written by experts in the field of research of the PhD Programme, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.

With reference to selection procedure no. 1 mentioned below, candidates that intend to apply primarily for reserved place with three-year research grant “Finishing processes, hardening treatments and protective coatings and films for additive manufactured metallic components: from design to the testing of prototypes”, must fill in and attach to the online application form the facsimile “Annex D3” of this call.

With reference to selection procedure no. 1 mentioned below, candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved places, must fill in and attach to the online application form the facsimile “Annex D2” of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved places.

1) Main selection (for places with scholarship, places without scholarship, places reserved for industrial doctorate and three-year research grant “Finishing processes, hardening treatments and protective coatings and films for additive manufactured metallic components: from design to the testing of prototypes”): based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum and relevance to the topics of the PhD Programme: from 0 to 25 points,
- Master Thesis (topic and grade): from 0 to 25 points,
- Candidate motivation (Statement of Research Interest), from 0 to 5 points;
- Publications, other qualifications and various attestations: from 0 to 5 points,

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 36/60 will be considered eligible.

The Selection Committee will decide whether to admit or not only those who have applied primarily for the reserved place with three-year research grant “**Finishing processes, hardening treatments and protective coatings and films for additive manufactured metallic components: from design to the testing of prototypes**” based on the following evaluable aspects:

- Laurea Magistrale or equivalent qualification in Materials science and engineering (LM-53).

The reserved place with three-year research grant will be assigned, among the candidates who have expressed the priority interest, to whom who will have the highest score in the ranking.

The reserved places for the industrial doctorate will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

2) Selection for place reserved to candidates with scholarship of foreign Countries: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum and relevance to the topics of the PhD Programme: from 0 to 25 points,
- Master Thesis (topic and grade): from 0 to 25 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

In assessment of academic and scientific qualifications account will be taken of the good basic knowledge of the topics of structural engineering, such as Science and Technical Engineering; the in-depth knowledge about the mechanical behavior of fiber-reinforced concretes; the ability to conduct and interpret the results of experimental programs based on compression, tensile and bending tests.

The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented; in this case the candidate must enter their Skype address in the curriculum. Such an interview does not involve extra score.

The Selection Committee will check the presentation of documentation proving that candidates hold a scholarship or that the application procedure for the awarding of the scholarship is underway.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 36/60 will be considered eligible.

Areas of the PhD Programme: The course deals with subjects on Mechanical and Vehicle Engineering, Civil and Environmental Engineering and Materials Engineering.

Also in the present XXXVI Cycle, the course is structured in three curricula: the first one has the same name of the entire PhD, the second one is named Vehicle Engineering, the third one is named Industry 4.0. This characterization of the territory responds to a specific need, and in particular industrial interests (local but not exclusively) aimed at deepening the research topics related to design and development of all vehicle components and to modern industrial management from a general point of view.

The educational objectives, common to all students, are: advanced training in the disciplines of the industrial and environmental engineering; education to the scientific and technological research; development of the attitude to international scientific cooperation; ability to interact with the industrial and economical district. The particular "Industry 4.0" curriculum characterizes the transversality of the themes that distinguish the Doctoral School E4E (Engineering for Economics, Economics for Engineering), of which this Course is part.

The Teaching Committee may propose to one or more students enrolled, considered suitable, a programme of study and research in collaboration with the Chinese University of Fuzhou that will result in the achievement also of the title of Chinese PhD in "Doctor in Engineering" as well as with the Federal University of Technology del Paranà (Brazil) that will result in the achievement also of the Brazilian PhD title in "Doctor in Mechanical Engineering and Materials".

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study.

Further information is available on the PhD Programme website at: <http://www.phd-enzoferrari.unimore.it/site/home/research.html>

The Course is inside the Doctoral School in "E4E (Engineering for Economics – Economics for Engineering)".

5) PhD Programme in "LABOUR, DEVELOPMENT AND INNOVATION"

Places with scholarship: 12 (5 of which are financed by the Ministry of Education, 1 by external public and private institutions, 5 by the University, 1 by Department of Economics *Marco Biagi*)

Places without scholarship: 5

Places reserved for industrial doctorate:

- 2 employees of IREN Ambiente Spa, with registered offices in Piacenza, Str. Borgoforte n.22;
- 2 employees of Sella Personal Credit Spa, with registered offices in Via Bellini n.2.

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

For the purposes of assessment, candidates are required to submit an application together with a research project outline, in Italian or English, relating to one of the two curricula of the PhD Programme.

Candidates are required to have a knowledge of English.

The research project outline shall not be binding on the Teaching Committee for the purposes of assigning dissertation titles.

Except as provided by art. 3 of this application procedure, candidates are required to submit the following additional documents:

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;

- 2) CV based on the form in attachment B herewith, available on the website of the Marco Biagi Foundation <https://www.fmb.unimore.it/dottorato/ammissione>;
- 3) copy of the research project outline, written in Italian or English. This outline should be no more than 15,000 typed characters, including blank spaces, written in accordance with the form in attachment C herewith, available on the Marco Biagi Foundation website <https://www.fmb.unimore.it/dottorato/ammissione>;
- 4) presentation/reference letter signed by one academic or researcher or expert in the field of the research topics included in the Ph.d programme, or other professional in the field of the research topics included in the Ph.d programme, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call;
- 5) any academic publications along with a list of these publications.

The research project may be freely chosen by the candidate within the disciplinary areas of the PhD Programme, as specified on the website of the Marco Biagi Foundation <https://www.fmb.unimore.it/dottorato/aree-di-ricerca-2/>.

Candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved places, must fill in and attach to the online application form the facsimile "Annex D2" of this call.

The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved places.

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Degree final mark, if already achieved, and grades reported in exams: from 0 to 16 points
- Publications: from 0 to 3 points,
- Research project: from 0 to 30 points,
- Postgraduate and/or professional teaching and training in the research field, as included in the CV: from 0 to 5 points,
- Foreign language skills in the CV: from 0 to 6 points.

Candidates awarded at least 35/60 in the assessment of academic and research record will be admitted to the interview.

The interview will focus on the research methods to be used and the research objectives, as indicated in the project, and on the reasons that led to the research.

A pass is achieved where candidates are awarded a score of 40/60 or above in the interview.

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the July 20 and 21, 2020 only on the University website at

<https://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Labour, development and innovation.

Candidates may opt to have their interview in English.

The reserved places for the industrial doctorate will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

Areas of the PhD Programme: The course consists of two curricula: Labour, Development and Innovation, and Industry 4.0.

The Labour, Development and Innovation curriculum is intended to enable the participants to acquire an in-depth understanding of employment relations and socio-economic change in an interdisciplinary perspective, focusing on the main regulatory levels (law, management, economics and organisation) and related methods of analysis in order to develop research instruments addressing both legal and non-legal labour regulation, enterprise innovation (industrial, service, public) and economic and territorial development. Industry 4.0 is intended to contribute to an understanding of the dynamics of digital transformation and elaboration of the legal, economic and financial, organisational and managerial instruments to govern the transformation of the enterprise and organisations in light of Industry 4.0. The teaching and research programme favours the datafication of employment and production processes associated with digitalisation resulting in a significant transformation of the logic and instruments of enterprise management.

Both curricula investigate the following research areas:

- Work transformations, innovation & business models;
- Work Organization, discretion at work and performance appraisal in digital enterprises;
- Engineering Economics & Financial Innovation;
- Corporate ethics and sustainability;
- Health, disability, work and care.
- Gender inequalities in STEM areas of education and impact in the access to digital economy.
- Free movement and protection of personal data in the digital era.
- Socioeconomic Impact of Pandemics and recovery strategies.

Official languages: Italian and English. Please refer to the educational programme of the course for details on the languages used in each course

<https://www.fmb.unimore.it/dottorato/attivita-formativa/>

Both curricula and research areas can be found in the web site:

<https://www.fmb.unimore.it/area/dottorato/>

Doctoral research students will be responsible for the research projects and related studies assigned to them, and where appropriate teaching assistance and internships to be performed at the Marco Biagi Foundation and/or elsewhere, in accordance with the programmes determined by the Doctoral Research School Council (Collegio dei Docenti) taking account of the skills and aptitudes of the doctoral research students.

The Course is inside del Doctoral School in “E4E (Engineering for Economics – Economics for Engineering)”.

EXAM SCHEDULE

Interview via Google Meet: July 27, 2020, 9:00 am. Interviews could continue on July 28, 2020 9:00 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

6) PhD Programme in “MODELS AND METHODS FOR MATERIAL AND ENVIRONMENTAL SCIENCES”

Places with scholarship: 7

Places reserved for industrial doctorate:

- 1 employee of Barilla G. e R. F.lli Spa, with registered offices in Parma, Via Mantova n.166

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates must submit the following additional documents:

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved; students who have not yet completed the final degree examination, must submit a list of exams taken and grades achieved;
- 2) curriculum vitae of the candidate's research and teaching activities written in Italian or English indicating university degree qualifications obtained. The academic and research records have to be certified /self-certified;
- 3) a summary of final thesis in Italian or English, or equivalent – minimum of two and maximum of three pages – organised under the following headings: statement of purpose, research methodology used, results obtained;
- 4) Statement of Research Interest: a short text, of no more than two pages and written in English, consisting of two sections:
 - a) Motivation, which illustrates the candidate's motivations for attending the Course (max 1/2 page)
 - b) the description of a hypothetical research project based on one of the topics of the doctorate, listed on the website:
<http://www.m3es.unimore.it/site/home/research/phd-thesis-proposals.html> , which reports the theses proposed for the XXXVI cycle, which the candidate would like to carry out, based on his specific research interests;
- 5) any certification attesting to knowledge of the English language (TOEFL, Proficiency or other).

Candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved place, must fill in and attach to the online application form the facsimile "Annex D2" of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved place.

The Selection committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Academic and research record: from 0 to 30 points:

- study curriculum and relevance of exams taken and the subject of the Master thesis and relevance to the area of study of the PhD programme: from 0 to 15 points,
- publications, conference papers, certifications: from 0 to 5 points
- other qualifications (certificate of knowledge of English, letters of reference, and descriptions of specific research interests (Statement of Research Interest), periods of study abroad): from 0 to 10 points.

- Interview: from 0 to 30 points

It is necessary to present a valid ID card or a passport.

The interview will focus on the description of a hypothetical research project chosen by the candidate. The evaluation will focus on the scientific soundness of the project, feasibility and appropriateness with the PhD course. Part of the interview will be carried out in English.

Candidates obtaining a minimum of 15 points will be allowed to interview.

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the July 16 and July 17, 2020 only on the University website at <https://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Models and methods for material and environmental sciences.

Candidates may opt to have their interview in English.

Once the qualifications and the interview have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 40/60 will be considered eligible.

The reserved place for the industrial doctorate will be allocated to the candidate reaching the best ranking positions among those who have applied primarily for the reserved places.

Areas of the PhD Programme: The Course aims to train experts in advanced research methodologies in environmental and material sciences, in respect of the research fields of the teaching staff (<http://www.m3es.unimore.it/site/home.html>). The research doctor will be able to operate in one or more of the following fields: processes regulating the transfer of elements and compounds from geosphere to hydro- and biosphere forecasting; prevention and mitigation of natural risks; identification and optimal use of resources; study, conservation and appraisal of cultural assets; environmental impact of human activities; chemical sustainable strategies; preparation and characterization of materials with innovative functional properties; devices and methodologies for electrochemical sensing suitable to work in real systems; computational multi-scale strategies; chemometrics, multivariate analysis of signals and images and themes related to BigData and 'Industria 4.0'.

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study.

Further information is available on the PhD Programme website at:

<http://www.m3es.unimore.it/site/home/research/phd-thesis-proposals.html> which contains the theses proposed for cycle XXXVI.

EXAM SCHEDULE

Interview via Google Meet: July 22, 2020, 9:30 am. Interviews could continue on July 23, 2020 9:30 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

7) PhD Programme in “MOLECULAR AND REGENERATIVE MEDICINE”

Places with scholarship: 5

Places without scholarship: 2

Place reserved:

- 1 with apprenticeship contract for advanced training of three years financed by Holostem Terapie Avanzate Srl Company for work, training and research activities on the development of advanced therapy products based on epithelial stem cells (the trainees will be hired at the company plant located at the "Stefano Ferrari Regenerative Medicine Center", via Gottardi 100, Modena, with functional qualifications and application of the legislative and economic treatment required by the current national labor contract for the chemical-pharmaceutical sector in which the company operates).

Admission requirements: Italian second level degree ("laurea magistrale", under D.M. 207/04) in the following discipline: LM-6 Biology, LM-8 Industrial biotechnology, LM-9 Medical, veterinary and pharmaceutical biotechnology, LM-13 Pharmacy and industrial pharmacy, LM-41 Medicine and surgery (or equivalent: Italian second level degree ("laurea specialistica", under D.M. 509/99) in one of the following disciplines: 6/S Biology, 8/S Industrial biotechnology, 9/S Medical, veterinary and pharmaceutical biotechnology, 14/S Pharmacy and industrial pharmacy, 46/S Medicine and surgery; Italian degree in Biological Sciences, in Agro-industrial Biotechnology, in Biotechnology (curriculum Industrial Biotechnology or Pharmaceutical Biotechnology or Medical Biotechnology or Veterinary Biotechnology), in Chemistry and Pharmaceutical Technologies or Pharmaceutical Chemistry and Technology, in Pharmacy, in Medicine and Surgery obtained prior to D.M. 509/99); or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of the Call.

Selection Procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

- 1) self-certification of the master/specialist degree and first degree or Italian degree obtained prior to D.M. 509/99 (in case of degree obtained in Italy) or certificate of first and second degree (in the case of degree obtained Abroad), showing a list of exams taken and grades achieved;
- 2) curriculum vitae written in Italian or English containing their scientific experience;
- 3) a summary in Italian or English of the thesis, or equivalent, consisting of a minimum of three to a maximum of six pages and divided into the following points: purpose of the thesis, methods of investigation, results obtained;
- 4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest);
- 5) certification attesting to knowledge of the English language (TOEFL, Proficiency or other);
- 6) GRE (Graduate Record Examination) certificates;
- 7) recommendation/reference letters (between one and three) written by experts in the fields of research of the PhD Programme, indicating the public or private institution/organization he/she is affiliated with, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.

Candidates that intend to apply primarily for reserved place with apprenticeship contract for advanced training, must fill in and attach to the online application form the facsimile "Annex D1" of this call.

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- degree mark, if already obtained, and marks obtained in the exams: from 0 to 30 points,
- curriculum and professional experience: from 0 to 10 points,
- publications: from 0 to 5 points,
- Statement of Research Interest: from 0 to 15 points.

Candidates awarded at least 30/60 in the assessment of academic and research record will be admitted to the interview.

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the July 23 and 24, 2020 on the University website at

<http://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Molecular and regenerative medicine.

Candidates may opt to have their interview in English.

The interview consists of:

- an evaluation of basic knowledge of cell biology, molecular biology, chemistry, biochemistry, genetics, general pathology,
- a discussion on the research activity previously carried out,
- a discussion on the research interests expressed in the Statement of Research Interest,
- verification of knowledge of the English language.

Candidates obtaining a minimum score of 40/60 on the interview will be considered eligible.

The Selection Committee will decide whether to admit or not only those who have applied primarily for the reserved place based on the following evaluable aspects:

- knowledge of the English language;
- knowledge of isolation systems and stem cell cultures;
- experience in the field of cell therapy and gene therapy;

The reserved place will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved place.

Areas of the PhD Programme: The doctoral course includes two training courses: the curriculum in Molecular and Regenerative Medicine and the curriculum in Nanotechnologies and Modeling for Industrial Biomedical Applications. The courses include, in addition to research and laboratory activities, lectures and seminars on molecular and cellular mechanisms of human diseases, mechanisms of cell differentiation and gene therapy, structural biology, computational biology, biomaterials.

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study

Further information is available from the PhD Programme website at:

<http://www.mrm.unimore.it/site/home.html>

EXAM SCHEDULE

Interview via Google Meet: July 28, 2020, 10:00 am. Interviews could continue on July 29, 2020 9:00 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

8) PhD Programme in “NEUROSCIENCES”

Places with scholarship: 5 (2 of which are cofinanced with funds from MIUR Call "Department of Excellence 2018-2022" - Department of Biomedical, Metabolic and Neural Sciences - University of Modena and Reggio Emilia - CUP: E91118001480001)

Places reserved for industrial doctorate:

- 1 employee of Casa Gioia, with registered offices in Reggio Emilia, via Flavio Gioia 5.

Reserved places:

- 1 place funded by with a three-year research grant (Title of the research project is: **Biomarkers of chronic pain in animal models of migraine: molecular aspects and clinical matches** – Tutor: Prof. Jonathan Mapelli – SSD: BIO/09 Physiology – yearly amount of the grant (gross amount): € 23.786,78 (with funds from the MIUR Call "Department of Excellence 2018-2022" - Department of Biomedical, Metabolic and Neuroscience Sciences and University of Modena and Reggio Emilia - CUP: E91118001480001)

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record, written test and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

Evaluation of qualification (60 points):

- 1) document certifying the list of exams and the scores obtained, up to a maximum of 15 points;
- 2) thesis, up to a maximum of 10 points;
- 3) publications, up to a maximum of 10 points;
- 4) synthesis of the research project (3 pages), up to a maximum of 15 points;
- 5) other qualifications (including specialties and experiences post-graduate), up to a maximum of 10 points.

Candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved place, must fill in and attach to the online application form the facsimile "Annex D2" of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved place.

Candidates that intend to apply primarily for reserved place funded by with a three-year research grants, must fill in and attach to the online application form the facsimile "Annex D3" of this call.

The Selection Committee will decide whether to admit or not only those who have applied primarily for a reserved place based on the following evaluable aspects:

- a) for research grant with title **"Modelling of brain processes with neurally-inspired computational architectures, and application to machine-learning methods of data analysis"**

- Italian second level degree Laurea Magistrale (or equivalent qualification) in Physics (LM-17) or in Mathematical/physical modelling for engineering (LM-44) or Biomedical engineering (LM-21) or Mathematics (LM-40);
- documented research activity or thesis on the topics of the research grant;
- relevance of the research project to the topics covered by research grant;
- quality of the research project.

Written examination (60 points):

The Written Exam for the issues related to Neurosciences is a written report on any of these topics:

- 1) The genesis of nerve impulses;
- 2) the synapse;
- 3) the reflexes;
- 4) molecular and cellular basis of signal transduction;
- 5) the motor system;
- 6) the visual system;
- 7) the somatosensory system;
- 8) neurobiology of language;
- 9) neurobiology of attention;
- 10) memory and learning;

The Written Exam for the issues pertaining to the Behavioural Sciences is a written report on any of these topics:

- 1) Classification of mental disorders resulting from abuse and maltreatment in childhood and adolescence
- 2) Different types of post-traumatic disorders caused by adverse events, stressors, violence, abuse and maltreatments in developmental age
- 3) Spontaneous and induced resilience processes between psychotherapeutic treatments or educational interventions
- 4) Modifications in personality, induced by physical violence in family or school environment
- 5) Protective factors from the effects of violence and maltreatment in developmental age
- 6) Cognitive and emotional impact of new technologies on personality development
- 7) The role of empathy in the relational and educational context in developmental age
- 8) Obsessive-compulsive disorders in children and adolescents victims of violence and maltreatment
- 9) Educational programs to prevent violence and bullying in learning and leisure environments
- 10) Treatment and prevention of relapse in offenders against children

At the beginning of the examination (which will last a maximum of one hour) two topics for Neuroscience and two for Behavioural Sciences are randomly chosen among those listed above, one of which can be chosen by the candidate for her/his written report.

Interview (60 points):

The Interview in the presence of the candidate will focus on the report of the Written Exam, the brief description of the candidate of his research project and the discussion of the candidate's motivations for attending the PhD in Neuroscience and its specific research interests. It will also check the verification of the English language and any foreign language optional declared by the applicant at the time of submitting the application

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded. Candidates obtaining a minimum score of 90/180 will be considered eligible.

The reserved place funded by research grants will be assigned, among the candidates who have expressed the priority interest, to those who will have the highest score in the ranking.

Areas of the PhD Programme: The course is activated by the University of Modena and Reggio Emilia. The doctorate includes three thematic areas: 1) Integrated Human Neurosciences: clinical neuropharmacology, systems neuroscience, cognitive and social neuroscience, clinical neuroscience, cognitive psychology; 2) Basic Neurosciences: molecular and cellular neurobiology, neuropharmacology, neurophysiology; 3) Behavioural Sciences: assessment of risk and protective factors in emotional, cognitive and personality development in children and adolescents victims of traumatic experiences such as physical and emotional or psychological violence.

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study

Further information is available from the PhD Programme website at:

<http://www.dottorato-neuroscienze.unimore.it>

EXAM SCHEDULE

Written examination: July 20, 2020, 9:00 am.

The examination will take place through internet via the UNIMORE Dolly platform (e-proctoring)

Interview: July 23, 2020, 9:00 am. Interviews could continue on July 24, 2020 at 9:00 am, should there be a high number of candidates.

The Selection Committee will send, by e-mail, the operational indications on the use of the software for the written examination through internet via the Dolly platform (e-proctoring) and on how to conduct the interview via Google Meet.

9) PhD Programme in “PHYSICS AND NANO SCIENCES”

Places with scholarship: 6

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

1a) Self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved; students who have not yet completed the final degree examination, must submit a list of exams taken and grades achieved;

1b) List of research and teaching activities (curriculum vitae) indicating all the qualifications obtained. This can be written either in Italian or in English;

- 1c) A summary of the thesis/diploma work, from a minimum of three to a maximum of six pages, with the following headings: state of the art and interests of the topic, research methodology and results. This summary can be written either in Italian or in English;
- 1d) certificates of knowledge of English language (TOEFL, Proficiency or others); certificate of Graduate Record Examination (GRE);
- 2) Letters of presentation (one to three) written by experts in the fields of this PhD course, indicating the public or private institution in which they serve as experts, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of the this Call;
- 3) A brief (one/two pages) statement outlining the specific research interests and the objectives of the candidate and the reasons for attending the PhD programme in Physics and nano sciences at the University of Modena and Reggio Emilia.

For the evaluation the Board of Examiners, based on a comparative assessment of the documents submitted by the candidates, assigns a score up to a maximum of 60 points, according to the following criteria:

- 1) Previous experience of the candidate, up to a maximum of 30 points awarded taking into account:
- Curriculum studiorum, indicating the examinations passed during the previous courses (evaluation criteria: score of the final degree –if already achieved-, list of exams taken and grades received, degree of relevance of previous studies to this PhD course).
 - List of activities (experiences and activities of internship, job opportunities, scholarships, grants, publications, training periods abroad, participation to Summer Schools and conferences).
 - Summary of the thesis/diploma work-completed or in progress- (evaluation criteria: motivations and state of the art of the field, methods of investigation, results obtained).
 - Knowledge of the English Language (documented by exams and certificates).
- 2) Independent evaluation of the potentialities of the candidate, up to a maximum of 10 points. To evaluate this, the following will be taken into account: letters of recommendation -from one to max three- experts who have had the opportunity to assess the candidate in research. Prizes and awards given to the candidate by external commissions. The letters of recommendation must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.
- 3) Statement of Research Interest, divided into: Introduction, state-of-the-art, possible lines of development. The commission, based on this text, will evaluate the technical and scientific motivations and specific research interests of the candidate as well as their potentialities for the development of the PhD programme. Up to a maximum of 20 points. After the assessment, the Commission shall prepare a ranking list based on the scores assigned to each candidate. Candidates who obtain a score lower than 40/60 will not be admitted to the interview and not considered eligible for admission to the course. The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between July 15 and 16, 2020 on the University website at <http://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Physics and nano sciences.

Matters on which the interview will cover:

The interview is to clarify and verify the historical experience of the the applicant manner set out in the documentation submitted by the candidate, and its scientific interests and possible lines of development of his career within the possibilities offered by the doctoral course, as expressed by the candidate in the Statement of Research Interest.

Maximum score for the interview of 40 points.

Candidates who obtain a final score of less than 50/100 will not be eligible for admission to the course.

Areas of the PhD Programme: Main topics include: nano-systems for energy conversion; Quantum Technologies; functional surfaces and nanostructured systems: nano-fabrication, microscopies and spectroscopies; physics of (nano-)bio-systems; synthesis and study of functional molecules; graphene; nano-tribology; advanced computational methods of theoretical physics; physics of (nano-devices); theory and models for study of fundamental interactions.

Official course language: English. However, all the PhD students are encouraged to learn the Italian language during the course of study.

Further information is available from the PhD-PNS website at: <http://www.nano-phdschool.unimore.it/site/home/topics/>.

EXAM SCHEDULE

Interview via Google Meet: July 22, 2020, 10:00 am. Interviews could continue on July 23, 2020 10:00 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

10) PhD Programme in “REGGIO CHILDHOOD STUDIES” (Main centre: Reggio Emilia)

Places with scholarship: 8

Places without scholarship: 2

Places reserved for industrial doctorate:

- 1 employee of Fondazione Reggio Children – Centro Loris Malaguzzi, with registered offices in Reggio Emilia, via Bligny n. 1/A.

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to topics relating to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

- 1) self-certification of the degree (in the case of a degree obtained in Italy) or degree certificate (in the case of a degree obtained abroad) showing the list of exams taken and related marks;
- 2) curriculum vitae in Italian or English with indication of the university level qualifications;
- 3) a digital copy of the degree thesis (obtained prior to D.M. 509/99), or master's degree (D.M. 270/04), specialist degree (D.M. 509/99), or equivalent degree obtained abroad; alternatively, an abstract of the degree thesis;

- 4) a letter of motivation written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD course and describes his/her specific research interests (Statement of Research Interest);
- 5) any certification attesting the knowledge of the English language (TOEFL, CAE/Proficiency or other) and other languages (if any) indicating the level achieved by the candidate;
- 6) a research project, written in Italian or English, related to one of the themes of the Course (see “Description of the Course” at <https://www.unimore.it/didattica/doctorate.html?ID=1064>). The document, which will be between 2000 and 4000 words wide, must identify: i) a specific subject; ii) a working hypothesis; iii) a reference bibliography.

Candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved place, must fill in and attach to the online application form the facsimile "Annex D2" of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved place.

The Selection committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- exams taken, degree mark, degree thesis / abstract of the degree thesis (maximum 9 points)
- curriculum vitae and experience considered relevant (maximum 9 points),
- other qualifications, e.g. masters, courses, degrees (maximum 4 points),
- language skills (maximum 4 points),
- publications (maximum 4 points),
- research project (maximum 30 points); Evaluation criteria of the research project:
 - i) relevance of the proposal (maximum 9 points)
 - ii) feasibility in the space of the doctoral course (maximum 3 points)
 - iii) knowledge of the scientific framework (maximum 9 points)
 - iv) innovativeness of the proposal (maximum 9 points)

Candidates obtaining a minimum of 40 points will be allowed to interview.

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the July 17 and July 20, 2020 only on the University website at

<https://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Reggio childhood studies.

The Selection committee has the capacity to assign scores up to 30 points in the interview. Candidates may opt to have their interview in Italian or English.

During the interview candidates will be tested for their knowledge of English; candidates will discuss the research project and they will be given the opportunity to deepen or further develop it orally (please, note that no attachments or additional written documentation will be accepted).

Evaluation criteria:

- a) basic knowledge (maximum 15 points)
- b) argumentation skills (maximum 10 points)
- c) knowledge of languages (maximum 5 points)

Candidates with a score of at least 20 points will succeed the interview.

The reserved place of industrial doctorate will be allocated to the student reaching the best ranking position in the list of admitted students, among those who have applied primarily for the reserved place.

Areas of the PhD Programme: Space and environment as elements that contribute to structuring learning processes; play and learning in the digital age; meaning making process, hermeneutics and pedagogical documentation; sociology and anthropology; The theory and practice of uniqueness and differences that are built and expressed in social, cultural, anthropological and religious contexts; the aesthetic dimensions as a constituting element of learning processes; research on food as a tool and structure of community making; cognitive and emotional group processes, co-construction of a learning community and development of group relations within the most relevant settings of socialization and education; the development of 21st century skills through formal and informal education processes as well as digital support; cultural heritage and digital humanities.

the Italian language during the course of study

Further information is available from PhD Programme website at: <http://www.phdreggiochildhoodstudies.unimore.it/> .

EXAM SCHEDULE

Interview via Google Meet: July 27, 2020, 9:00 am. Interviews could continue on July 28, 2020 9:00 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

11) PhD Programme in “LEGAL SCIENCES” in cooperation with the University of Parma

Places with scholarship: 6

Places without scholarship: 1

Admission requirements: Italian second level degree (“laurea magistrale”, under D.M. 207/04) in the following discipline: LMG/01 Law (or equivalent: Italian second level degree (“laurea specialistica”, under D.M. 509/99) in one of the following disciplines: 22/S Law; 102/S Theory and techniques of normation and legal information; Italian degree in Law obtained prior to D.M. 509/99); or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities in areas related to the PhD programme.

Except as provided by art. 3 of this application procedure, candidates must submit the following additional documents:

- 1) in case of degree already awarded, self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) curriculum of research and teaching activities in Italian or English indicating university qualifications held;
- 3) drafting of a research project to be carried out throughout the three years that must focus on one of the areas that will be discussed during the interview;

- 4) an abstract or report of the final thesis (defended or yet to be defended before the Board of Examiners) in Italian or English – minimum of five and maximum of ten pages – organised under the following headings: statement of purpose, research methodology used, results obtained;
- 5) any academic publications along with a list of these publications.

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Document stating the list of exams taken and grades achieved: from 0 to 15 points;
- Curriculum: from 0 to 20 points;
- Publications: from 0 to 5 points;
- Research project: from 0 to 20 points

Candidates awarded at least 30/60 in the assessment of academic and research record will be admitted to the interview.

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the July 14 and July 15, 2020 only on the University website at

<https://www.unimore.it/didattica/doctorates.html> in the section relating to the PhD Programme in Legal Sciences.

The interview will focus on the research project and will assess students' general knowledge of one of the following disciplinary areas:

- Commercial Law
- Criminal Law
- Constitutional Law
- Private Law
- Administrative Law
- International Law

The interview will also include the knowledge of the English language and of another language if indicated by the candidate in the application form.

The Selection Committee has the capacity to assign scores up to a total of 40 points in the interview.

No minimum score is required in order to pass the interview.

The title of the research project mentioned in the application form is not binding. Once admitted to the PhD Program a different title can be provided, in agreement with the Teaching Committee.

Areas of the PhD Programme: The PhD School in Juridical Sciences aims to form highly qualified researchers within the areas of reference, and to provide the PhD students with knowledge and skills that can be spent in an academic career; in the main legal professions (lawyer, judge, notary); in managerial roles within the public sector, EU institutions, diplomatic career and journalism.

The School pays a special attention to the juridical background of the PhD students, through lectures and seminars held by scholars and experts from Italy and abroad. The training also includes a course of legal English and the professional use of ICT.

The course is activated by the University of Modena and Reggio Emilia in agreement with the University of Parma. For the XXXVI cycle, the administrative office is the University of Modena and Reggio Emilia. Students will be placed in the research groups of the two partner universities according to the seat of the supervisor (tutor) that will be assigned by the Faculty Board.

At the end of the Programme the University of Modena and Reggio Emilia confers a joint

degree with the University of Parma.

There is a cooperation agreement with the Université de Lorraine (France) for the *Ecole Doctorale Sciences Juridiques, Politiques, Economiques et de Gestion* which may allow specific joint supervision Phd programme agreements by interested doctoral students.

The official language of the PhD Course is Italian. However, PhD students are strongly encouraged to learn and improve the English language during their PhD program.

Further information is available on the PhD Programme website at:

<http://www.dottoratoscienzegiuridiche.unimore.it>

EXAM SCHEDULE

Interview via Google Meet: July 20, 2020, 9:30 am. Interviews could continue on July 21, 2020 9:30 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

12) PhD Programme in “HUMAN SCIENCES”

Places with scholarship: 6 (2 of which are financed with funds from MIUR Call "Department of Excellence 2018-2022" - Department of Studies on Language and Culture - University of Modena and Reggio Emilia - CUP: E91118001500001 – field “Digital Humanities and digital communication”)

Places without scholarship: 2

Places reserved:

- 1 without scholarship for candidates with a degree awarded by a foreign University.
- 1 for candidates with scholarship of foreign Countries:

Places reserved for industrial doctorate:

- 2 employee of Social Cooperative TICE, with registered offices in Alta Val Tidone (PC), Località Seguzzone n. 3
- 1 employee of Terra Mia Geminiana Società Agricola Cooperativa Sociale, with registered offices in Soliera (MO) in Via I Maggio n. 371.

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection procedure (for all three selective procedures): There are three different selection procedures for this PhD Programme, depending on the type of available places. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities in areas related to the PhD Programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) curriculum vitae of one’s research and teaching activities written in Italian or English indicating university degree qualifications obtained;

- 3) a copy of the degree dissertation in electronic form, degree obtained prior to D.M. 509/99 or second level degree (“laurea specialistica/magistrale”) or equivalent degree (if obtained abroad), or an abstract of the degree dissertation;
- 4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest);
- 5) any certification attesting to knowledge of the English language (TOEFL, CAE/Proficiency or other) or other languages, indicating the level achieved by the candidate;
- 6) a research project, in Italian or English, in one of the subject areas of the PhD Programme. The project will be a description – between four and ten pages in length – with: aim of the research, literature review, materials and methods, results, references. The project will not be binding for the Teaching Committee in terms of the possible attribution of a thesis title.

With reference to selection procedure no. 1 mentioned below, candidates who meet the requirements (employees of the enterprise) and wish to apply primarily for the reserved places for industrial doctorate, must fill in and attach to the online application form the facsimile "Annex D2" of this call. The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved places.

With reference to selection procedure no. 2 mentioned below, candidates must attach the documentation proving possession of the scholarship or the start of the application procedure to obtain it, to the online admission application.

1) Main selection (for places with scholarship, places without scholarship and places reserved for industrial doctorate): based on academic and research record and interview

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum: from 0 to 10 points,
- Master thesis/abstract and other qualifications: from 0 to 10 points,
- Publications: from 0 to 10 points,
- Research project: from 0 to 30 points.

Candidates will be accepted for interview where the evaluation of qualifications presented has a score of at least 40 points out of the 60 available. A list of the candidates admitted to interview, and any variation in the selection procedure, will be published between July 22 and 23, 2020 on the University web site at page <http://www.unimore.it/didattica/doctorates.html>, in the section relating to the PhD Programme in Human Sciences.

For the interview, the Examiners may award a score of up to 60 points. Candidates may opt to have their interview in English. The interview, as well as the candidate's knowledge of the English language and of another language the candidate may have indicated in the application, will focus on the scientific methodologies used for the research project proposed by candidates and on the objectives the project aims to achieve, as well as on the research experience and the professional profile of the candidates.

A pass is achieved where candidates are awarded a minimum score of 40/60.

The reserved places for the industrial doctorate will be allocated to the candidates reaching the best ranking positions among those who have applied primarily for the reserved places.

2) Selection for places reserved to candidates with scholarship of foreign Countries: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum: from 0 to 10 points,
- Master thesis/abstract and other qualifications: from 0 to 10 points,
- Publications: from 0 to 10 points,
- Research project: from 0 to 30 points.

The Selection committee will verify the presentation of the documentation proving the possession of the scholarship or the start of the request procedure to obtain it.

Candidates will be accepted for admission if the evaluation of qualifications presented has a score of at least 40 points out of the 60 available.

3) Selection for places without scholarship reserved for candidates with a degree awarded by a foreign University: based on academic and research record

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum: from 0 to 10 points,
- Master thesis/abstract and other qualifications: from 0 to 10 points,
- Publications: from 0 to 10 points,
- Research project: from 0 to 30 points.

Candidates will be accepted for admission if the evaluation of qualifications presented has a score of at least 40 points out of the 60 available.

Areas of the PhD Programme: Digital Humanities and Digital communication; Language and Culture Studies (English, French, German, Italian studies): Narratology, Re-readings and rewritings of the literary canon, Discourse analysis and specialized discourse, Translation studies; History and Philosophy: Theoretical philosophy, Philosophy of Language, Moral Philosophy and History of Ideas; Modern and Contemporary History; Modern art history; Intercultural Education and Communication: Sociology of communication, educational practices and processes, maths teaching.

Language required: English. All the students are encouraged to learn Italian during the years of the PhD and to write their dissertation in the language that is most relevant to their object of study (e.g. Italian for Italian studies, German for German Studies, French for French studies and Spanish for Spanish studies)

Further information is available on the PhD Programme website at: <http://www.dottoratoscienzeumane.unimore.it/>

**EXAM SCHEDULE
(Selection 1 – Main)**

Interview via Google Meet: July 28, 2020, 9:00 am. Interviews could continue on July 29, 2020 9:00 am, should there be a high number of candidates,

The operational indications on how to conduct the interview via Google Meet will be communicated at the time of publication of candidates admitted to the interview.

13) PhD Programme in “FOOD AND AGRICULTURAL SCIENCE, TECHNOLOGY AND BIOTECHNOLOGY” (Main centre: Reggio Emilia)

Places with scholarship: 6

Places without scholarship: 1

Placed reserved for candidates with scholarship of foreign Countries:

- 1 employee of Ministry of Agriculture, Forestry and Rural Development - Kosovo Institute of Agriculture

Admission requirements: Italian second level degree (laurea specialistica, under D.M. 509/99 or laurea magistrale, under D.M. 207/04) or Italian degree obtained prior to D.M. 509/99 or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities in areas related to the PhD programme.

Except as provided by art. 3 of this application procedure, candidates may submit the following additional documents:

1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved.

2) curriculum vitae of research and teaching activities, indicating clearly and concisely what candidate has studied, skills acquired (languages, knowledge of computers, use of complex instrumentation, etc.) including any official certifications he/she may have. The document may be written in Italian or English and must include the exact name and nature of degrees possessed, publications, if applicable, and contributions to conferences/congresses;

3) a summary of final thesis in Italian or English, or equivalent – minimum of three and maximum of six pages – organised under the following headings: statement of purpose, research methodology used, results obtained;

4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest) in relation to one of the research areas of the PhD Programme (available from the PhD Programme website at: <http://www.steba.unimore.it/> under “Research topics”).

5) any recommendation letters written by experts in the field of research of the PhD Programme, indicating the public or private institution the expert is affiliated with, which must be produced directly by the referents and exclusively according to the procedure indicated in art. 3 of this Call.

Candidates who meet the requirements (candidates with scholarship of foreign Countries) and wish to apply primarily for the reserved places, must fill in and attach to the online application form the facsimile "Annex D4" of this call.

The Selection Commission will examine the presentation of the above documents for those who have expressed their interest in competing primarily for the reserved places.

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Curriculum: from 0 to 30 points,
- Master thesis: from 0 to 15 points,

- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 10 points.

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

Candidates obtaining a minimum score of 40/60 will be considered eligible.

The reserved places for candidates with scholarship of foreign Countries will be allocated to the candidates reaching the best ranking position among those who have applied primarily for the reserved places.

Areas of the PhD Programme: The PhD program deals with the production, processing, quality and safety of raw materials and of food.

Official course language: Italian. However, all the PhD students are encouraged to learn the English language during the course of study.

Further information is available on the website of the PhD course at: <http://www.steba.unimore.it>

Modena, 08/06/2020

THE RECTOR
(Prof. Carlo Adolfo Porro)

Annex A1 (for candidates holding degrees awarded in Italy only)

Self-certification as substitute for attested declarations under articles 46 and 47, Presidential decree 445/2000

WARNING

The following self-certification complies with the dispositions of Presidential decree 445 of the 28th December 2000: "LEGISLATIVE DISPOSITIONS AND RULES FOR ADMINISTRATIVE FORMS". In particular:

- Details provided by candidates have to be considered as substitute for attested declaration under articles 46-47; following article 76 candidates who provide mendacious information can incur in administrative and criminal penalties.
- Following article 39 the self-certification does not require official stamps.
- Under articles 71 and 72 the relevant University office will verify the information provided.
- The information requested in this self-certification follow article 16 is strictly necessary for the selection procedures and will be kept confidential following the Legislative decree 196 of the 30th June 2003 on personal data protection.

DEGREE DESCRIPTION

**Italian second level degree "laurea magistrale" (under D.M. 270/04)
or Italian second level degree "laurea specialistica" (under D.M. 509/1999)
or Italian degree (prior to D.M. 509/1999)**

Aware of the provisions on criminal consequences for false declarations, under art. 76 of Presidential decree 445/2000 the undersigned

Family name _____

Given name _____

Place of birth _____

Date of birth (dd/mm/yyyy) _____

Citizenship _____

E-mail for correspondence _____

DECLARES TO HOLD THE FOLLOWING DEGREE CERTIFICATE

(Tick only one of the three options)

- Italian second level degree "Laurea magistrale" (under D.M. 270/04) in

_____ Degree class of _____

- Italian second level degree "Laurea specialistica" (under D.M. 509/1999) in

_____ Degree class of _____

- Italian degree (prior to D.M. 509/1999) in

Degree awarded by the University of _____

on the (dd/mm/yyyy) _____

Final mark _____

AND DECLARES

that, in accordance with articles 46 and 47 of Presidential decree 445/2000, the information included in all the copies attached to the admission form is correct.

Date and place

Signature (legible and in full)

Annex A2 (for candidates holding foreign degrees only)

Self-certification as substitute for attested declarations under articles 46 and 47, Presidential decree 445/2000

WARNING

The following self-certification complies with the dispositions of Presidential decree 445 of the 28th December 2000: "LEGISLATIVE DISPOSITIONS AND RULES FOR ADMINISTRATIVE FORMS". In particular:

- Details provided by candidates have to be considered as substitute for attested declaration under articles 46-47; following article 76 candidates who provide mendacious information can incur in administrative and criminal penalties.
- Following article 39 the self-certification does not require official stamps.
- Under articles 71 and 72 the relevant University office will verify the information provided.
- The information requested in this self-certification follow article 16 is strictly necessary for the selection procedures and will be kept confidential following the Legislative decree 196 of the 30th June 2003 on personal data protection.

DESCRIPTION OF THE QUALIFICATION (Degree, Master of Science or equivalent)

INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

Family name _____

Given name _____

Place of birth _____

Date of birth (dd/mm/yyyy) _____

Citizenship _____

E-mail for correspondence _____

INFORMATION IDENTIFYING THE QUALIFICATION

Level of Qualification (Degree, Master of Science or other) _____

Qualification in _____

Qualification awarded at the University of _____

Qualification awarded on (dd/mm/yyyy) _____

Final degree mark /grade _____

Main Field(s) of Study for the Qualification _____

Language(s) of Instruction/Examination _____

Official Length of Programme (years) _____

Access Requirement(s) to Programme _____

**INFORMATION ON THE EXAMINATIONS AND RESULTS GAINED FOR THE QUALIFICATION
(Examination and individual grades/marks/credits obtained)**

DATE	EXAMINATION	GRADE	MARK	CREDITS OBTAINED

Useful additional information about examinations and results _____

**INFORMATION ON THE FUNCTION OF THE QUALIFICATION IN THE COUNTRY WHERE THE
QUALIFICATION WAS AWARDED**

Does the title described above, in the country where it has been awarded, enable application to University PhD programmes? (Tick only one of the two options)

- Yes No

ADDITIONAL DECLARATION

In accordance with articles 46 and 47 of Presidential decree 445/2000, the information included in all the copies attached to the admission form is correct.

Date and place

Signature (legible and in full)

Annex B (Facsimile to be used only for applications to the PhD Programme in Labour, development and innovation).

CURRICULUM VITAE

for the purposes of the application for enrolment on the Doctoral Research Programme (XXXVI cycle)

PERSONAL DATA

Name and surname

Date of birth

Nationality

Address

Telephone number and e-mail

EDUCATION

Period

Institution

Country where the qualification was awarded

Qualification awarded

Final mark

WORK EXPERIENCE

Period

Type of employment

Sector

Employment grade and duties

PARTICIPATION IN RESEARCH PROJECTS

Period

Title of the project

Disciplinary area

Tasks performed as part of the project

LANGUAGE SKILLS (Specify for each language the level of knowledge on the basis of the following scale, as laid down in the Common European Framework of the Council of Europe. Reference should also be made to any certification awarded to the candidate, such as TOEFL, etc.)

LANGUAGE.....

A1 (BEGINNER)

A2 (ELEMENTARY)

B1 (PRE INTERMEDIATE)

B2 (POST INTERMEDIATE)

C1 (ADVANCED)

C2 (PROFICIENCY)

ANALYTICAL SKILLS (Please specify, where applicable, analytical skills in relation to the research activity: statistical software, informatic instruments or database)

LIST OF PUBLICATIONS (WHERE APPLICABLE)

Date and place

Signature

Annex C (Facsimile to be used only for applications to the PhD Programme in Labour, development and innovation).

RESEARCH PROJECT

Submitted for the purposes of the application for enrolment on the Doctoral Research Programme (XXXVI cycle) by

Name and surname

Title of the project

Curriculum (not binding choice; please mark the preferred option)

- Labour, development and innovation
- Industry 4.0

Research Areas: (not binding choice; please mark the preferred option)

- Work transformations, innovation & business models;
- Work Organization, discretion at work and performance appraisal in digital enterprises;
- Engineering Economics & Financial Innovation;
- Corporate ethics and sustainability;
- Health, disability, work and care;
- Gender inequalities in STEM areas of education and impact in the access to digital economy;
Free movement and protection of personal data in the digital era
Socioeconomic Impact of Pandemics and recovery strategies
- Other (specify)

Abstract

(Summarise in no more than 10 lines the content and objectives of the project):

Background and goals (please explain the theoretical framework, the investigated problems and the goals of the project)

(Maximum 10.000 characters):

Methodology and intermediate stages of the research

**Please, specify (where applicable) analytical skills used in relation to the research activity
(for example: statistical software, informatic instruments o database)**

(Maximum 5.000 characters):

Essential bibliography
(*Minimum 10 publications*):

Date and place

Signature

Annex D1 (Apprenticeship contract)

DECLARATION OF PRIORITY INTEREST FOR THE FOLLOWING RESERVED PLACE

(the contract may be concluded only by candidates who have not yet reached their thirtieth year of age at the time of signing the contract)

I, _____ (*full name*), born in _____ (*place*) on _____ (*date*)

wish to express my interest in applying primarily for the following reserved place (please tick one of the following options):

- PhD Programme in “**Innovation Industrial Engineering**”:

- n. 1 place with apprenticeship contract for advanced training financed by Electric80 Spa Company for work, training and research activities of methods of optimizing pickup problems with AGV.

- PhD Programme in “**Molecular and regenerative medicine**”:

- n. 1 place with apprenticeship contract for advanced training financed by Holostem Terapie Avanzate Srl Company for work, training and research activities on the development of advanced therapy products based on epithelial stem cells.

The option hereby chosen has priority over regular places, with or without scholarship.

Date and place,

Signature

Annex D2 (Industrial doctorate)

DECLARATION OF PRIORITARY INTEREST FOR THE FOLLOWING RESERVED PLACE

I, _____ (full name), born in _____ (place) on _____ (date)
employee of the Company _____
with contract _____

wish to express my interest in applying primarily for the following reserved place (please tick one of the following options)

- Corso di Dottorato in “**Clinical and experimental medicine (CEM)**”:

- n. 1 place reserved for employees of Boston Scientific Spa
- n. 1 place reserved for employees of Merck Serono Spa

- PhD Programme in “**Information and communication technologies (ICT)**”:

- n. 1 place reserved for employees of Expert Lab Services Srls
- n. 2 places reserved for employees of Raw Power Srl

PhD Programme in “**Industrial innovation engineering engineering**”:

- n. 1 place reserved for employees of Piomager Srl

- PhD Programme “Enzo Ferrari” in “**Industrial and environmental engineering**”:

- n. 4 places reserved for employees of Ferrari Spa
- n. 1 place reserved for employees of Il Sentiero International Campus Srl
- n. 1 place reserved for employees of IQM Srl
- n. 1 place reserved for employees of Lincotek Rubbiano Spa

- PhD Programme in “**Labour, development and innovation**”

- n. 2 places reserved for employees of IREN Ambiente Spa
- n. 2 places reserved for employees of Sella personal Credit Spa

- PhD Programme in “**Models and methods for material and environmental sciences**”:
 - n. 1 place reserved for employees of Barilla G. e R. Fratelli Spa

- PhD Programme in “**Neurosciences**”:
 - n. 1 place reserved for employees of Casa Gioia Società Cooperativa Sociale

- PhD Programme in “**Reggio childhood studies**”:
 - n. 1 place reserved for employees of Fondazione Reggio Children – Centro Loris Malaguzzi

- PhD Programme in “**Human sciences**”:
 - n. 2 places reserved for employees of Social Cooperative TICE
 - n. 1 place reserved for employees of Terra Mia Geminiana Società Agricola Cooperativa Sociale

The option hereby chosen has priority over regular places, with or without scholarship.

Date and place,

Signature

Annex D3 (Three-year research grant)

DECLARATION OF PRIORITY INTEREST FOR THE FOLLOWING RESERVED PLACE

I, _____ (full name), born in _____ (place) on _____ (date)

wish to express my interest in applying primarily for the following reserved place (please tick one of the following options)

- PhD Programme in “**Clinical and experimental medicine (CEM)**”

- n. 1 place funded by with a three-year research grant: **The role of peripheral steroids and neurosteroids in pathophysiology of the central nervous system;**

- PhD Programme in “**Industrial and environmental engineering**”

- n. 1 place funded by with a three-year research grant: **Finishing processes, hardening treatments and protective coatings and films for additive manufactured metallic components: from design to the testing of prototypes;**

PhD Programme in “**Neurosciences**”

- n. 1 place funded by with a three-year research grant: **Modelling of brain processes with neurally-inspired computational architectures, and application to machine-learning methods of data analysis.**

The option hereby chosen has priority over regular places, with or without scholarship.

Date and place,

Signature

Annex D4 (candidates with scholarship provided by foreign States)

DECLARATION OF PRIORITARY INTEREST FOR THE FOLLOWING RESERVED PLACE

I, _____ (*full name*), born in _____ (*place*) on _____ (*date*)

employee of Ministry of Agriculture, Forestry and Rural Development - Kosovo Institute of Agriculture, wish to express my interest in applying primarily for the following reserved place (please tick one of the following options):

- PhD Programme in “**Food and agricultural science, technology and biotechnology**”:
 - n. 1 place reserved for employees of Ministry of Agriculture, Forestry and Rural Development - Kosovo Institute of Agriculture

The option hereby chosen has priority over regular places, with or without scholarship.

Date and place,

Signature

ANNEX E

FORM “Declaration of interest in a possible apprenticeship contract for advanced training”

**DECLARATION OF INTEREST IN A POSSIBLE APPRENTICESHIP CONTRACT FOR
ADVANCED TRAINING**

(the contract may be concluded only by candidates who have not yet reached their thirtieth year of age at the time of signing the contract)

The document must be attached to the application for enrolment in the PhD course or programme- a. a. 2020/2021 only if the candidate is interested in any contract of apprenticeship for advanced training that may become available later

I, _____ (*full name*), born in _____ (*place*) on _____ (*date*), wish to express my interest in any possible “apprenticeship contract for advanced training and research” that may become available, to be drawn up in accordance with under Legislative Decree no. 81/2015 and Interministerial Decree 12/10/2015 and allocated to enrolled students selected by the University, in conjunction with any interested firms, for such a contract and on the basis of candidates’ specific qualifications.

Date and place,

Signature (legible and in full)

ANNEX F

Form “Self-certification of subscription to Gestione Separata Inps”

To
Payroll Office – Finance Directorate
Università degli Studi di Modena e Reggio Emilia
Via Università, 4 - 41121 Modena
E-mail: ufficiostipendi@unimore.it

**Autocertificazione di iscrizione alla Gestione Separata Inps
di cui all’art. 2, comma 26, L. 335/1995
(resa ai sensi del D.P.R. 28 dicembre 2000, n.445 e s.m.i.)**

Il sottoscritto _____
natoa _____ il _____
Codice Fiscale _____

Titolare di (barrare la relativa opzione):

- | | |
|---|---|
| <input type="checkbox"/> Assegno di ricerca | <input type="checkbox"/> Collaborazione coordinata e continuativa |
| <input type="checkbox"/> Dottorato di ricerca | <input type="checkbox"/> Docenza a contratto |
| <input type="checkbox"/> Borsa di Specializzazione Medica | <input type="checkbox"/> Prestazione d’opera occasionale (redditi > € 5.000,00) |

DICHIARA:

di essere iscritto alla data odierna ed in seguito a conferma INPS, o che provvederà nei termini all’iscrizione, alla Gestione Separata Inps*:

- “ALTRA CASSA - aliquota MINIMA”¹ in quanto iscritto presso la seguente cassa pensionistica: (*specificare quale*)
- “CASSA UNICA - aliquota MASSIMA”² in quanto non iscritto presso alcuna cassa pensionistica obbligatoria

*L’iscrizione alla Gestione Separata INPS, da effettuarsi in via telematica entro la fine del primo mese di attività, è un adempimento a totale carico del percettore. UniMoRe declina ogni responsabilità connessa alla mancata iscrizione.

FIRMA

.....

Il sottoscritto dichiara, inoltre, di essere consapevole delle sanzioni penali, nel caso di dichiarazioni mendaci, richiamate dall’art. 76 del D.P.R. 445/2000 e dall’art. 495 del C.P. e **si impegna a comunicare, prima della liquidazione del compenso, qualsiasi modifica di quanto dichiarato.**

Modena,.....

FIRMA

.....

Si allega alla presente fotocopia del documento di identità del sottoscrittore e, possibilmente, tessera sanitaria o tessera codice fiscale

¹ Dall’anno 2016: 24,00%. Iscrizione che presuppone il versamento di contributi previdenziali ad altra cassa pensionistica obbligatoria, quali, ad esempio: Inps gestione dipendenti, artigiani, commercianti, Casse e Ordini professionali.

² Dall’anno 2018: 34,23%.

ANNEX G (Part 1) - Form “Accompanying declaration for scholarship holders”

DECLARATION TO BE ATTACHED FOR PhD STUDENTS HOLDING SCHOLARSHIPS IN THE PROCEDURE FOR APPLICATION FOR ENROLMENT

ON A PhD PROGRAMME A. Y. 2020/2021, XXXVI cycle

To be completed only by holders of scholarships

I, the undersigned Surname _____ First name _____

DECLARE TO BE FULLY AWARE THAT:

- a) the grant to which this declaration relates cannot be accumulated with any other study grants, regardless of their title, with the exception of grants awarded by national or foreign institutions which are available to support, with periods of study abroad, the grant holder’s training or research activities (art. 6, para 1, of Law 30.11.1989, n. 398);
- b) students who have previously held a grant cannot hold a second grant with the same title (art. 6, para 2, of Law 30.11.1989, n. 398);
- c) art. 1, sub-para a), of Law 315/98 states that, from the date 01.01.99, the MIUR (Ministry for Education, Further Education and Research) is required to guarantee the application of study grants to pursue research doctorates as per the regulations laid down by art 2, para 26, first part of Law No.335/95, and also art. 59, para 16, of Law No.449/97, as amended (compulsory general insurance with INPS – Italian Social Security Institute);
- d) state employees who hold grants to which this declaration relates may request special leave without pay for study purposes, as provided by art. 2 of Law No.476/1984 (art. 6, para 7, Law 398/89).

I, the undersigned, in accordance with articles 46 and 47 of D.P.R. No.445 of 28.12.2000, aware of the liability incurred in the event of a false declaration,

DECLARE

- a) **not to hold**, for the entire duration of the doctorate, other study grants of any title whatsoever, with the exception of grants awarded by national or foreign institutions which are available to support, with periods of study abroad, the grant holder’s training or research activities (art. 6, para 1, of Law No.398 of 30.11.1989);
- b) **not to have held**, even if only for one year, another study grant to pursue postgraduate courses (art. 6, para 2, Law 398/89);
- c) **not to hold** a grant for collaboration in a research activity under art. 51, para 6, Law 449/97 and D.M. II.02.1998
- d) to be aware of the rights and obligations of graduates, as specified in the notices of competitions for admission to PhD Programmes, XXXVI cycle – A.Y. 2020/2021, published on the internet site of the University of Modena and Reggio Emilia;
- e) to have read and fully understood the regulatory provisions governing research doctorates, as published on the internet site of the University of Modena and Reggio Emilia.
- f) to hereby provide consent to their personal data being held, including sensitive information, in accordance with EU Regulation 2016/679 and Legislative Decree No.196/2003 and to be aware that the databank is the property of the University of Modena and Reggio Emilia.

Italian and foreign citizens holding an academic degree awarded abroad are reminded they have to submit their academic transcript of records, together with its legalized Italian translation and the “declaration of equal value” issued by the Italian consular office of the country where the degree was awarded, if it is not already enclosed with the online application form.

Please note that citizens of States which do not belong to the European Union must provide documentation certifying insurance cover for medical treatment and hospitalization, together with a valid residence permit.

Date _____

Signature

ANNEX G (Part 2) - Form “Accompanying declaration for scholarship holders”

DECLARATION ACCOMPANYING APPLICATION FOR ENROLMENT ON A PhD PROGRAMME A.Y. 2020//2021, XXXVI

To be completed only by holders of scholarships

With full knowledge of the liability incurred in the event of a false declaration, in accordance with articles 46 and 47 of D.P.R. No. 445 of 28.12.2000, I the undersigned

Surname _____ First name _____

Tax code _____ Acquired surname _____

Born in _____ province of _____ on the _____

Resident at (street) _____ No. _____ Town/city _____ Post code _____

Province/State/County _____ Tel. _____ Work _____ tel. _____

MOBILE PHONE _____ E-mail _____

Domiciled (if different from above) at _____ No. _____

Town/City _____ Post code _____ Province/State/County _____

REQUEST that the sum relating to the study grant

is paid into the current account of : _____ (payment can only be made to an account in the name of the grant holder; the account may be in the name of more than one person inclusive of the grant holder– in this case specify all co-holders) with IBAN _____

The International Bank Account Number consists of 27 characters: IT, 2 international code numbers, 1 national code letter (CIN), 5 numbers for the ABI code, 5 numbers for the CAB code, 12 alphanumeric characters for the current account number.

Important note: to avoid errors in the payment of sums due, the above-indicated fields must be completed fully and correctly.

If in any doubt, please contact your own bank.

Please note that any bank charges arising from the bank transfer are the responsibility of the recipient of the monies.

I, the undersigned undertake to register promptly with the “INPS gestione separata” (by internet through the website at www.inps.it – section “Iscrizione dei lavoratori parasubordinati alla Gestione Separata” <https://www.inps.it/nuovoportaleinps/default.aspx?itemdir=50175> – select “Accedi al Servizio”, or through the INPS Contact Centre at www.inps.it) and send via e-mail a ufficiostipendi@unimore.it the affidavit to prove the registration (using the form “Autocertificazione di iscrizione alla Gestione Separata Inps”) to the Ufficio Contabilità e Stipendi of the Università di Modena e Reggio Emilia, Via Università n. 4, Modena, by October 31, 2020 (if the graduate is already subscribed to the “INPS gestione separata” as a result of previous collaborations with other clients, it is only necessary to provide the affidavit confirming the registration with the INPS).

The payment of the grant is made in monthly instalments with fixed currency on 25th of the following month. The related coupons (“cedolini”) will be exclusively available on-line, at Intranet page <https://in.unimore.it/intra/ptecamm/cedoline.html> (by selecting “Accedi al servizio”).

In the event that facts are ascertained during the course of the year which vary from those declared, the undersigned undertakes to immediately communicate the relevant facts in writing, exonerating the University of Modena and Reggio Emilia from any responsibility whatsoever concerning the same.

Information in accordance with Legislative Decree of 30th June 2003, No.196

The personal data contained on this form is gathered by the University for the sole purpose of fulfilling all of its administrative, accounting, financial and social security obligations under the law. The personal data gathered will, in observance of the aforementioned legislative obligations, be communicated to the Ministero delle Finanze (Ministry of Finance), the INPS office (Italian Social Security Institute), and to any other public bodies, to permit the same to carry out the respective institutional functions, within the boundaries established by the law and regulations.

Date _____ (Signature) _____

ANNEX H - Form "Declaration to be completed only by applicants without scholarships"

**DECLARATION ACCOMPANYING APPLICATION FOR ENROLMENT ON A PhD PROGRAMME
A.Y. 2020/2021, XXXVI cycle**

I, the undersigned _____

DECLARE

a) that I am aware of the rights and obligations of graduates, specified in the notice of competition for admission to PhD Programmes, XXXV cycle – A.Y. 2020/2021, on the internet site of the University of Modena and Reggio Emilia: *www.unimore.it*;

b) to have read and fully understood the rules and regulations governing research doctorates, as published on the internet site of the University of Modena and Reggio Emilia: *www.unimore.it*.

c) to hereby provide consent to their personal data being held, including sensitive information, in accordance with EU Regulation 2016/679 and Legislative Decree No.196/2003 and to be aware that the databank is the property of the University of Modena and Reggio Emilia.

Italian and foreign citizens holding an academic degree awarded abroad are reminded they have to submit their academic transcript of records, together with its legalized Italian translation and the "declaration of equal value" issued by the Italian consular office of the country where the degree was awarded, if it is not already enclosed with the online application form.

Please note that citizens of States which do not belong to the European Union must provide documentation certifying insurance cover for medical treatment and hospitalization, together with a valid residence permit.

Date _____

Signature