

REGISTRATION OPENING: 09/06/2021 9:00 am (Italian time)
DEADLINE FOR APPLICATIONS: 06/07/2021 1:00 pm (Italian time)



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Student Services Area
PhD Office

Rector's Decree No. 551/2021
Prot. No.127979 of 07/06/2021

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 University 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 16, 2021, prot.7403 on the “*Operational indications on PhD Programmes accreditation procedures A.A. 2021-2022 - XXXVII cycle*”;
- GIVEN the resolutions of the Senate of April 21, 2021 and of the Exexecutive Boards of April 23, 2021 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 2021/2022;
- GIVEN the rectoral decree of May 3, 2021, n.390, which determined the amount of tuition and fee charges for enrolment and attendance in PhD programmes for the academic year 2021/2022;
- 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;

DECREES

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 XXXVII cycle, Academic Year 2021/2022.

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 16, 2021, prot. 7403 on the “Operational indications on PhD Programmes accreditation procedures A.A. 2021-2022 - XXXVII 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 online University notice board (<https://wss.unimore.it/public/albo/>) and 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, 2021**, 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 or English translation, an authentication, and:

- for degrees obtained in European Union countries: Diploma supplement or certificate of comparability and verification issued by ENIC_NARIC centers;
- for degrees obtained in countries outside the European Union: "declaration of validity" (dichiarazione di valore in loco) issued by the competent Italian consular or diplomatic representative for the country, or certificate of comparability and verification issued by ENIC_NARIC centers.

If not yet available, candidates must fill in the description of the degree with a list of exams passed, by using Annex A2, 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, 2021, via e-mail to the address segr.dottorati@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 to the PhD Office, by

and no later than, December 31, 2021, via e-mail to the address segr.dottorati@unimore.it, their degree certificate with a list of exams taken, along with an Italian or English translation, an authentication, and

- for degrees obtained in European Union countries: Diploma supplement or certificate of comparability and verification issued by ENIC_NARIC centers;

- for degrees obtained in countries outside the European Union: "declaration of validity" (dichiarazione di valore in loco) issued by the competent Italian consular or diplomatic representative for the country, or certificate of comparability and verification issued by ENIC_NARIC centers.

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 (November 1, 2021 – October 31 2024).

The competent offices will be checked the information sent by candidates 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 6 2021, 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”, and then “Login” with the credentials received following registration or with their SPID (Public Digital Identity System) credentials and proceed with the following steps: insert username and password, and then, select “Menu” – “Student Area/Registered Area” - “Admission” – “Admission Exams” – “Ph. D.”).

From 1 October 2021 it will be possible to access Esse3 only with SPID credentials (it will no longer be possible to use Esse3 credentials, with the exception of candidates with foreign citizenship).

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 6, 2021.

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.dottorati@unimore.it) within the peremptory deadline of the call deadline (July 6, 2021, 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 6, 2021, 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.dottorati@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 or English translation, an authentication and “declaration of validity” issued by a competent Italian diplomatic-consular representative for the country, or Diploma supplement or certificate of comparability and verification issued by ENIC_NARIC centers, in accordance with the regulations governing the admission of foreign students to Italian university degree courses, by the final deadline of December 31, 2021;

4) in the case of candidates who complete their degree after the deadline for this call, but before October 31, 2021, 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 Diploma supplement or certificate of comparability and verification issued by ENIC_NARIC centers. If not yet available, candidates have to attach 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 9, 2021, 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 abovementioned deadline, 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 online University notice board (<https://wss.unimore.it/public/albo/>);
- 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 who are 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 online University notice board as mentioned 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):

connect to 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”, and then “Login” with the credentials received following registration or with their SPID (Public Digital Identity System) credentials, 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).

From 1 October 2021 it will be possible to access Esse3 only with SPID credentials (it will no longer be possible to use Esse3 credentials, with the exception of candidates with foreign citizenship).

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, 2021 via e-mail to segr.dottorati@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, 2021, using the following method: E-MAIL to the address segr.dottorati@unimore.it.

Italian nationals and foreigners holding a foreign academic qualification must present to the PhD Office (Via Università 4, 41121 Modena), no later than December 31, 2021, via E-MAIL to the address segr.dottorati@unimore.it, their degree certificates with a list of exams taken, along with an Italian or English translation, an authentication, and

- for degrees obtained in European Union countries: Diploma supplement or certificate of comparability and verification issued by ENIC_NARIC centers;
- for degrees obtained in countries outside the European Union: "declaration of validity" (dichiarazione di valore in loco) issued by the competent Italian consular or diplomatic representative for the country, or certificate of comparability and verification issued by ENIC_NARIC centers.

Failure to submit the above documentation may result, at the sole discretion of this Administration, in the failure to pay the scholarship until it is presented. It is understood that, if the documentation, once submitted, should highlight the lack of access requirements, the doctoral student will be excluded.

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, 2021, by sending a scanned copy via e-mail to 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 (in the same way as indicated above).

Foreign citizens who do not yet have a tax identification number must apply to the "Agenzia delle entrate" (Italian Revenue Agency) after their arrival in Italy, and must forward a copy of the card issued by the Agency before October 31, 2021, to the PhD Office, by sending a scanned copy via mail to segr.dottorati@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 case of, from the documentation presented by the candidate, false or misleading declarations are found, relevant for the purposes of enrolment, 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 expired from 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 instalment to the enrolment by those who enrol 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 instalment to the enrolment by those who enrol 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.
- Contributions for international mobility;
- Peer tutoring collaborations in favor of disabled students or students with Specific Learning Disabilities.

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 2021/2022 academic year, that will be available at www.er-go.it (selecting "Servizi" – "Diritto allo studio") starting from the middle of July 2021.

To request interventions for the right to study it is necessary to be in possession of the ISEE Certification 2021 for subsidized services for the right to university study.

International students, to request interventions for the right of study, must be in possession of the documentation referred to at the link: <https://www.er-go.it?id=6545>.

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 provisions in art.16 regulate 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 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 Rector awards the title of PhD. The issue of the above title is dependent upon the candidate's submission to the competent office of the copy of the final thesis in digital format, which will be guaranteed to be kept and publicly accessible in the special open access archive of the University, as well as to be deposited in the ministerial database, in compliance with the regulations in force concerning thesis embargo and copyright

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 online University notice board (<https://wss.unimore.it/public/albo/>), 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 online University notice board (<https://wss.unimore.it/public/albo/>) and 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.dottorati@unimore.it).

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

ARTICLE 17 – List of Doctorate Research Courses

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

Places with scholarship:

- 6 scholarships without specific topic
- 1 with topic “Dermatologic oncology”;
- 1 with topic “Neurological oncology”;
- 1 with topic “Ocular oncology”;
- 1 with topic “Radiological oncology”;
- 1 with topic “Nursing sciences”;
- 1 with topic “Large scale isolation and purification of extracellular vesicles from *in vitro* expanded mesenchymal progenitor”;
- 2 with topic “Molecular biology in oncology”

Places without scholarship: 4

Reserved places:

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

Reserved places:

- 1 place funded by with a three-year research grant (Title of the research project is: “**Non-hormonal (NH) contraception by nanobody-mediated modulation of ovarian GPCRs**” – Tutor: Dr. Livio Casarini – SSD: MED/46 Sciences and techniques of laboratory medicine) – yearly amount of the grant (gross amount) € 19.367,00 - Department of Biomedical, Metabolic and Neuroscience Sciences of the University of Modena and Reggio Emilia;
- 1 place funded by with a three-year research grant (Title of the research project is: “**The role of adhesive systems and resin composites in the long-term success of direct restorations**” – Tutor: Dr. Vittorio Checchi – SSD: MED/28 Odontostomatological diseases) – yearly amount of the grant (gross amount) € 19.367,00 - Department of Surgery, Medicine, Dentistry and Morphological Sciences with Transplant Surgery, Oncology and Regenerative Medicine Relevance of the University of Modena and Reggio Emilia.

Selection Procedure (for every selection procedures): There are eight 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 “Non-hormonal (NH) contraception by nanobody-mediated modulation of ovarian GPCRs” 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 that intend to apply primarily for reserved place with three-year research grant “The role of adhesive systems and resin composites in the long-term success of direct restorations” must fill in and attach to the online application form the facsimile “Annex D3” of this call.

1) Main selection (for places with scholarship without specific topic, places without scholarship, place reserved for three-year research grant “Non-hormonal (NH) contraception by nanobody-mediated modulation of ovarian GPCRs” and place reserved for three-year research grant “The role of adhesive systems and resin composites in the long-term success of direct restorations”): based on academic and research record

Admission requirements: every 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.

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 “**Non-hormonal (NH) contraception by nanobody-mediated modulation of ovarian GPCRs**” based on the following evaluable aspects:

- Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree classes LM-6 Biology, LM-8 Industrial Biotechnologies, LM-9 Medical, Veterinary, Pharmaceuticals Biotechnologies, LM-13 Pharmacy and Industrial Pharmacy, LM-41 Medicine and Surgery, or “Laurea specialistica” (under D.M. 509/99) in degree classes 6/S Biology, 8/S Industrial Biotechnologies, 9/S Medical, Veterinary, Pharmaceuticals Biotechnologies, 14/S Pharmacy and Industrial Pharmacy, 46/S Medicine and Surgery, or Italian degree obtained prior to D.M. 509/99 in Biological Sciences, Agro-Industrial Biotechnology, Biotechnology - Industrial Biotechnology, Biotechnology - Pharmaceutical Biotechnology, Biotechnology - Medical Biotechnology, Biotechnology - Veterinary Biotechnology, Chemistry and Pharmaceutical Technologies, Pharmacy, Medicine and Surgery or equivalent qualification obtained abroad;
- research experience in cellular and molecular endocrinology.

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 adhesive systems and resin composites in the long-term success of direct restorations”** based on the following evaluable aspects:

- Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-46 Dentistry and Orthodontics, or “Laurea specialistica” (under D.M.. 509/99) in degree class 52/S Dentistry and Orthodontics, or Italian degree obtained prior to D.M. 509/99 in Dentistry and Orthodontics, or equivalent qualification obtained abroad;
- research experience in odontostomatology

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

The reserved place for candidates with a degree awarded by a foreign University will be allocated to the student reaching the highest score, among those who have a foreign degree.

2) Selection procedure for a place with scholarship with topic “Dermatologic oncology”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-41 Medicine and Surgery, or “Laurea specialistica” (under D.M.. 509/99) in degree class 46/S Medicine and Surgery, or Italian degree obtained prior to D.M. 509/99 in Medicine and Surgery, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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 “Neurological oncology”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-41 Medicine and Surgery, or “Laurea specialistica” (under D.M.. 509/99) in degree class 46/S Medicine and Surgery, or Italian degree obtained prior to D.M. 509/99 in Medicine and Surgery, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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 “Ocular oncology”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-41 Medicine and Surgery, or “Laurea specialistica” (under D.M.. 509/99) in degree class 46/S Medicine and Surgery, or Italian degree obtained prior to D.M. 509/99 in Medicine and Surgery, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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 “Radiological oncology”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-41 Medicine and Surgery, or “Laurea specialistica” (under D.M.. 509/99) in degree class 46/S Medicine and Surgery, or Italian degree obtained prior to D.M. 509/99 in Medicine and Surgery, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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 “Nursing sciences”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-SNT1 Nursing and Obstetric Sciences, or “Laurea specialistica” (under D.M.. 509/99) in degree class SNT/01/S Nursing and Obstetric Sciences, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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 “Large scale isolation and purification of extracellular vesicles from *in vitro* expanded mesenchymal progenitor”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-6 Biology, LM-9 Medical, Veterinary, Pharmaceutical Biotechnologies, LM-13 Pharmacy and Industrial Pharmacy, or “Laurea specialistica” (under D.M.. 509/99) in degree class 6/S Biology, 9/S Medical, Veterinary, Pharmaceutical Biotechnologies, 14/S Pharmacy and Industrial Pharmacy, or Italian degree obtained prior to D.M. 509/99 in Biological sciences, Biotechnologies - Pharmaceutical Biotechnologies, Biotechnologies - Medical Biotechnologies, Biotechnologies - Veterinary Biotechnologies, Chemistry and Pharmaceutical Technologies, Pharmacy, Biotechnologies - Industrial Biotechnologies, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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.

8) Selection procedure for a place with scholarship with topic “Molecular biology in oncology”: based on academic and research record

Admission requirements: Italian second level degree “Laurea Magistrale” (under D.M. 270/04) in degree class LM-6 Biology, LM-8 Industrial Biotechnologies, LM-9 Medical, Veterinary, Pharmaceutical Biotechnologies, LM-13 Pharmacy and Industrial Pharmacy, or “Laurea specialistica” (under D.M. 509/99) in degree class 6/S Biology, 8/S Industrial Biotechnologies, 9/S Medical, Veterinary, Pharmaceutical Biotechnologies, 14/S Pharmacy and Industrial Pharmacy, or Italian degree obtained prior to D.M. 509/99 in Biological sciences, Biotechnologies - Pharmaceutical Biotechnologies, Biotechnologies - Medical Biotechnologies, Biotechnologies - Veterinary Biotechnologies, Chemistry and Pharmaceutical Technologies, Pharmacy, Biotechnologies - Industrial Biotechnologies, or equivalent qualification obtained abroad in accordance with the provisions in art. 2 of this application procedure.

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:

- 6 scholarships without specific topic
- 1 with topic “AI for industry structural data prediction”;
- 1 with topic “AI for intelligent farming and production”;
- 1 with topic “Advanced Computer Vision for Smart Industrial Manufacturing”

Places without scholarship: 4

Places reserved for industrial doctorate:

- 1 employee of Ammagamma srl, with registered offices in Modena, via Sant’Orsola, 37;
- 2 employees of Miliaris srl, with registered offices in Modena, via Giardini, 454;
- 1 employee of CPL Concordia Soc. Coop., with registered offices in Concordia sulla Secchia, via Grandi, 39.

Reserved places:

- 1 with apprenticeship contract with advanced training of three years financed by Meta System Spa for work, training and research activities on electromagnetic compatibility in e-mobility applications (the apprentice will be hired at the Company's plant located in Reggio Emilia, Via Galimberti 9, with functional qualification equal to full-time employee, and application of the legislative and economic treatment required by the current National Collective Labor Contract relating to the Metalworking sector, in which the company operates).

Two additional places are reserved for candidates already selected in a specific international mobility program in which the University of Modena and Reggio Emilia participates (HORIZON 2020 - Marie Skłodowska Curie Actions - PERSEO)

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.

With reference to selection procedure no. 1 mentioned below, candidates who wish to apply primarily for the reserved place funded by a three-year high-level apprenticeship contract, must fill in and attach to the online application form the facsimile "Annex D1" of this call.

1) Main selection procedure (for places with scholarship, places without scholarship, place reserved for industrial doctorates and place reserved funded by a three-year high-level apprenticeship contract): 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 vitae including research and teaching activities: 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.

The Commission will decide whether to admit or not, only those who have applied primarily for the reserved place covered by a high-level apprenticeship contract, on the following evaluable aspects:

- Master Degree in Electronic Engineering;
- Knowledge in the field of microwaves and in the use of circuit and electromagnetic simulators;
- Experience of using radio frequency and microwave instrumentation;

- Experience with the set-up and use of measurement set-up for electromagnetic compatibility tests.

The judgment of suitability for the reserved place does not affect the score assigned to the candidates, but is only useful to assign the reserved place; this place will be assigned, among the candidates who have expressed priority interest and have been considered eligible, to the one who will have the highest score in the ranking.

2) Selection procedure for a place with scholarship with topic “AI for industry structural data prediction”: 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 vitae including research and teaching activities: 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 “AI for intelligent farming and production”: 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 vitae including research and teaching activities: 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 with scholarship with topic “Advanced Computer Vision for Smart Industrial Manufacturing”: 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 vitae including research and teaching activities: 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*", or a study and research path in collaboration with the University of Nottingham (United Kingdom) which will also lead to the achievement of the title of English PhD in "*Engineering PhD*", or a study and research path in collaboration with the Technische Universität Wien (Austria) which will also lead to the achievement of the title of Austrian PhD as "*Doktor der Technischen Wissenschaften*" or "*Doktor der Naturwissenschaften*".

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 the Doctoral School in "E4E (Engineering for Economics – Economics for Engineering)".

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

Places with scholarship: 6

Reserved places:

- 1 for candidates with scholarship of foreign Countries

Places reserved for industrial doctorate:

- 1 employee of Elettric80 Spa, with registered offices in Viano (RE), Via G. Marconi n.23;

- 1 employee of VEMA Industries Spa, with registered offices in Sorbolo (PR), Via Guido Rossa n. 8;

Reserved places:

- 1 place funded by with a three-year research grant (Title of the research project is: "**Hybrid-modelling techniques for condition monitoring of motion-control applications**"). The research grant will be activated under the international project "MOnItoring of large scale complex technological systems - MOIRA – GA 955681 (H2020-MSCA-ITN-2020)" - tutor: Prof. Marco Cocconcelli – SSD: ING-IND/13 Mechanics Applied to Machines - annual amount of research grant: € 48,166.56 (gross of the costs incurred by the researcher and inclusive of food, accommodation and travel).

If the researcher also has family obligations at the expiry date of the call (marriage, cohabitation if legally registered, dependent children) the annual amount of the research grant is € 51,166.56.

The researcher will be required to sign up for with the I.N.P.S. Separate Management Fund ("Gestione Separata").

The candidate will work on the condition monitoring of motion-control applications, such as independent cart conveyors. They are an emerging technology in industries seeking to replace induction motors and kinematic chains in several applications. In the first step, the candidate will develop a data-driven approach to perform anomaly detection of possible mechanical faults, using clustering, data-reduction and classification algorithms. In the second step, the candidate will work on a model-based approach of few subsets of critical components, ensuring accuracy in the diagnosis and optimization of computational resources. In the third step, the two previous approaches will be fused, developing a hybrid condition monitoring system that automatically combines the information from the data-driven and model-based algorithms, giving a different level of details on the main cause of the fault and making a fast and reliable monitoring of the motion-control applications. Proved research experience in the fields of machine diagnostics, machine learning and data analysis will be a preferential title.

The Course includes two selective procedures depending on the type of places available. The candidate interested in more than one selection procedure must submit the application for admission and pay the relative contribution of € 25.00 for each of the procedures in which he intends to participate.

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.

1) Main selection procedure (for places with scholarship, places reserved for industrial doctorates and place reserved to candidates with scholarship of foreign Countries): based on academic and research record

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:

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 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 place.

Candidates who meet the requirements (be a foreign state scholar) and wish to apply primarily for the reserved place, 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 place.

Methods of evaluation:

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 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 place.

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

2) Selection procedure for the three-year research grant on “Hybrid-modelling techniques for condition monitoring of motion-control applications”, under the international project “MONtoRing of large scale complex technological systems - MOIRA – GA 955681 (H2020-MSCA-ITN-2020)”: based on academic and research record

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, **achieved by October 31, 2021. Are also applied the eligibility criteria for the MSC-ITN program; these criteria are available on the following page:**

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/msca/h2020-wp1415-msca-elig_en.pdf. At the date of the signing of the research grant contract the researcher must be within the fourth year of his research career and must not have already obtained a doctoral degree.

At the date of the signing of the research grant contract the researcher must not have stayed or carried out his main activity (work, studies, etc.) in the country of the hosting organization (in Italy) for more than 12 months in the previous 3 years.

Selection Procedure:

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. In the case of candidates who have not yet taken the final graduation exam, the list of exams taken and the marks obtained must be presented;
- 1b) curriculum vitae of research and teaching activities, written in Italian or English, indicating university degree qualifications obtained;
- 1c) 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;
- 1d) certification attesting the knowledge of the English language (TOEFL, Proficiency or other), GRE (Graduate Record Examination) certificates;
- 2) 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.
- 3) a brief statement of no more than two pages written in English, outlining the candidate's motivation for attending the UNIMORE Industrial Innovation Engineering PhD Programme and a description of his/her specific areas of research interest (Statement of Research Interest).

Methods of evaluation:

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: final degree grade - if already achieved -, list and exams taken and marks obtained, adequacy of the degree to the doctoral 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 – by 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) Evaluation of the Statement of Research Interest, divided into: introduction, state of the art, possible lines of development. The Examination Committee, 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.
- The Selection commission may contact with audio and video teleconference over the web, (Skype platform) candidates for a cognitive interview on the material presented and on the

topics of the MOIRA project; 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.

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*".

Further information on the international program "MONtoRing of large scale complex technologicAI systems - MOIRA" are available on the website <https://h2020-moira.eu>

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: 8

Reserved places for industrial doctorate:

- 1 employee of DAES SA, with registered offices in Avenue des Grandes-Communes n. 8, CH-1213 Petit-Lancy, Switzerland;

- 1 employee of Deep Blue srl, with registered offices in Rome, Via Ennio Quirino Visconti n. 8;

- 1 employee of PetrolValves Spa, with registered offices in Milan, Viale Majno n. 17/A;

- 2 employees of R&D CFD srl, with registered offices in Modena, Via Tacito n. 59.

Reserved Places:

- 1 place funded by with a three-year research grant (Title of the research project is: "**User experience mapping and simulation for the design of manufacturing tasks and workplaces**" – Tutor: Prof. Margherita Peruzzini – SSD: ING-IND/15 – yearly amount of the grant (gross amount) € 19.367,00 (with funds from Horizon 2020 Project PENELOPE – G.A. 958303 – Closed-loop digital pipeline for a flexible and modular manufacturing of large components – CUP E89J20000730006)

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 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.

Candidates that intend to apply primarily for reserved place with three-year research grant **“User experience mapping and simulation for the design of manufacturing tasks and workplaces”**, must fill in and attach to the online application form the facsimile “Annex D3” of this call.

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:

- 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 **“User experience mapping and simulation for the design of manufacturing tasks and workplaces”** based on the following evaluable aspects:

- Italian second level degree or equivalent qualification in Mechanical Engineering (Italian degree obtained prior to D.M. 509/99 in Mechanical Engineering or in Industrial Engineering; Italian second level degree under D.M. 509/99 “Laurea Specialistica” in Mechanical Engineering 36/S; Italian second level degree “Laurea Magistrale” under D.M. 207/04 in Mechanical Engineering LM-33);
- Specific documented experiences (thesis, internships, publications, etc.) on the topic of the research project.

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.

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

In the present Cycle, the Course is structured around three curricula: the first one is named "Industry 4.0", another is named "Vehicle Engineering", and the third one is named "Civil and Environmental Engineering".

These are the educational objectives, common to all PhD students: advanced training in the various areas of 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 economic district. More specifically, the issues considered fall within the specific areas listed below. The particular "Industry 4.0" curriculum characterizes the transversal nature of the issues that distinguish the E4E Doctoral School (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 of Paraná (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: 16 (9 of which are financed by the Ministry of University and Research, 2 by the University, 3 by Modena Foundation ("Fondazione di Modena"), 2 by external public and private institutions)

Places without scholarship: 5

Places reserved for industrial doctorate:

- 1 employee of Baltur Spa, with registered offices in Cento (FE), Via Ferrarese n.10;
- 1 employee of Hera Spa, with registered offices in Bologna, Via Berti Pichat n.2/4;
- 2 employees of Tetra Pak Packaging Solutions Spa, with registered offices in Modena, Via Delfini n.1.

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 B1 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 C1 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 PhD programme, or other professional in the field of the research topics included in the PhD 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 July 26 and 27, 2021 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 the Doctoral School in “E4E (Engineering for Economics – Economics for Engineering)”.

EXAM SCHEDULE

Interview via Google Meet: September 1, 2021, 9:00 am. Interviews could continue on September 2, 2021 9:00 am, in the event of a large 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 scholarships without specific topic;
- **1 scholarship on the specific topic: “Development of new radiotracers for PET (Positron Emission Tomography) based on inhibitors of mono-carboxylate transporters (MCT) for theranostic applications in oncology”**

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 procedures (for all selective procedures): The Course includes two selective procedures depending on the type of places available. The candidate interested in more than one selection procedure must submit the application for admission and pay the relative contribution of € 25.00 for each of the procedures in which he intends to participate.

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 XXXVII 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).

1) Main Admission Procedure (for scholarships places): 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:

- 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 20 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 15 and July 16, 2021 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.

2) Admission procedure to 1 scholarship on the research topic: “Development of new radiotracers for PET (Positron Emission Tomography) based on inhibitors of mono-carboxylate transporters (MCT) for theranostic applications in oncology”: 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:

- 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 20 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 15 and July 16, 2021 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.

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 XXXVII.

EXAM SCHEDULE

Selection 1

Interview via Google Meet: July 22, 2021, 9:30 am. Interviews could continue on July 23, 2021 9:30 am, should there be a high number of candidates,

Selection 2

Interview via Google Meet: July 23, 2021, 11:30 am. Interviews could continue on July 26, 2021 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: 4

Places reserved for industrial doctorate:

- 1 employee of Holostem Terapie Avanzate Srl, with registered offices in Parma, Via Gottardi n.100.

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-21 Biomedical Engineering, 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, 26/S Biomedical Engineering, 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, in Biomedical Engineering, in Medical Engineering; 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 – no longer than two 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 in “Molecular and Regenerative Medicine” and describes his/her specific research interests (Statement of Research Interest);
- 5) certification attesting to knowledge of the English language (FIRST, TOEFL, Proficiency or other);
- 6) GRE (Graduate Record Examination) certificates;
- 7) only one recommendation/reference letter 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 who, being in possession of necessary requirement (being employees of the company), intend to compete primarily for the reserved position, must express their interest by attaching the facsimile "Annex D2" of this call to the online admission application.

The Commission will verify whether the necessary requirements are met for those who have expressed their interest in competing as a priority 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:

- 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 27

and 28, 2021 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 place reserved for industrial doctorate will be assigned, among the candidates who have expressed priority interest, to the one who will have the highest score in the ranking.

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 MICROSOFT TEAMS: August 3, 2021, 10:00 am. Interviews could continue on August 4, 2021 9:00 am, should there be a high number of candidates,

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

8) PhD Programme in “NEUROSCIENCES”

Places with scholarship: 7 (1 of which is co-financed with funds from MIUR Call "Department of Excellence 2018-2022" - Department of Biomedical, Metabolic and Neural Sciences - University of Modena and Reggio Emilia - CUP: E91I18001480001, and 1 co-financed with funds from Bank of Italy – CUP E95F21000400007")

Places without scholarship: 1

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) degree score or 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.

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 and differences in post-traumatic disorders induced by adverse events and by violence, abuse and maltreatment in developmental age;
- 2) Changes in personality structures induced by physical violence in the family or school;
- 3) Protective factors and processes of spontaneous resilience induced by psychotherapeutic treatments or educational interventions, by the effects of violence and mistreatment suffered in childhood;
- 4) Cognitive and emotional impact of new communication technologies on personality development;
- 5) Educational actions to prevent acts of violence in the school and socio-educational context;
- 6) Genetic and environmental factors that influence the development of communication and relational skills;
- 7) Inter-individual differences and health decisions: determinants of adherence to treatments for patients in developmental and adult age;
- 8) The implicit inferences of social and health workers and their impact on the relationship with patients in developmental and adult age;
- 9) Neural and cognitive mechanisms for the perception of others in development and adulthood;
- 10) The paradigm of the gene-environment relationship applied to childhood trauma (active, passive and evocative) and implications on psychopathology in adulthood;
- 11) The use of polygenic risk scores in psychiatric research;
- 12) The bio-psycho-social paradigm: scientific foundations and impact in contemporary clinical practice;

- 13) Psycho-neuro-endocrine-immunological re-reading of the medical-psychiatric comorbidity;
- 14) The neurobiological basis of stress.

At the beginning of the examination (which will last a maximum of one hour), two topics for Neuroscience and three 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 doctorate includes two thematic areas: Neurosciences, with a strong interdisciplinary approach from molecular and cellular neurosciences, to neuro and psychopharmacology, to cognitive and social neurosciences, to psychology and clinical neurosciences. Behavioral Sciences, focused on the study of the development of communication and relational skills, the risk and protection factors of emotional, cognitive and personality development, and the endogenous and exogenous risk factors for main psychic disorders. 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, 2021, 9:00 am.

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

Interview: July 22, 2021, 9:00 am. Interviews could continue on July 23, 2021 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

- 4 scholarships without specific topic;

- **1 scholarship on the specific topic “Mining large image databases for predictive factors of tumor response and radiation induced toxicity in patients treated with radiotherapy”;**

- **1 scholarship on the specific topic “Micro-optical elements for electrons”.**

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 procedures (for all selective procedures): The Course includes three selective procedures depending on the type of places available. The candidate interested in more than one selection procedure must submit the application for admission and pay the relative contribution of € 25.00 for each of the procedures in which he intends to participate.

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) Statement of Research Interest: a short text, of no more than two pages and written in English, consisting of two parts:

- Motivation, which illustrates the candidate's motivations for attending the Course (max 1/2 page)

- Description of a short research project - divided into introduction, state of the art, and possible lines of development - based on the research topic proposed for the XXXVII cycle and listed on the website <http://www.nano-phdschool.unimore.it/site/home/topics/themes-proposed-for-xxxvii-cycle-3-years-starting-from-nov.-2021.html> (for selection 1)

- Description of a short research project - divided into introduction, state of the art, and possible lines of development - based on the research topic proposed (for selections 2 and 3).

1) Main Admission Procedure (for scholarships places): based on academic and research record and interview

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) Evaluation of the Statement of Research Interest: 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 16 and 19, 2021 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 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.

2) Admission procedure to 1 scholarship on the research topic: “Mining large image databases for predictive factors of tumor response and radiation induced toxicity in patients treated with radiotherapy” based on academic and research record and interview

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 – by 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) Evaluation of the Statement of Research Interest. The Examination Committee, 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 Examination Committee 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, 2021 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 activities and skills presented 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.

3) Admission to 1 scholarship on the research topic: “Micro-optical elements for electrons” based on academic and research record and interview

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) Evaluation of the Statement of Research Interest. The Examination Committee, 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 Examination Committee 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, 2021 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 activities and skills presented 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; bigdata, imaging and artificial intelligence; 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

Selection 1

Interview via Google Meet: July 23, 2021, 9.00 am. Interviews could continue on July 26, 2021 9:00 am, should there be a high number of candidates.

Selection 2

Interview via Google Meet: July 19, 2021, 9.00 am. Interviews could continue on July 20, 2021 9:00 am, should there be a high number of candidates.

Selection 3

Interview via Google Meet: July 21, 2021, 9.00 am. Interviews could continue on July 22, 2021 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.

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

Places with scholarship: 7

Places without scholarship: 1

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.phdreggiochildhoodstudies.unimore.it/en/research-areas/>). 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 14 and July 15, 2021 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; cognitive and emotional group processes, co-construction of a learning community cultural; the theory and practice of uniqueness and differences that in social, cultural, anthropological and religious contexts; the aesthetic dimensions as a constituting element of learning processes.

The official language of the PhD program is English. However, every student is encouraged to learn the Italian language skills during their study cycle, considering that some activities will also be carried out in Italian.

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

EXAM SCHEDULE

Interview via Google Meet: July 19, 2021, 9:00 am. Interviews could continue on July 20, 2021 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 15 and July 16, 2021 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:

- Labour Law
- Criminal Law
- History of Medieval and Modern Law
- Philosophy of Law
- Administrative Law
- Criminal Procedure.

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 Scientific 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 XXXVII 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 Scientific Committee.

At the end of the Programme the University of Modena and Reggio Emilia confers a joint degree with the University of Parma.

The School has international cotutelle programmes with the Université de Lorraine (France) and the Universitat Autònoma de Barcelona (Spain).

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 course.

Further information is available on the PhD course website at:

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

EXAM SCHEDULE

Interview via Google Meet: July 21, 2021, 9:30 am. Interviews could continue on July 22, 2021 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: 7 (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: 1

Places reserved:

- 1 without scholarship for candidates with a degree awarded by a foreign University.
- 1 for candidates with scholarship of foreign Countries:
- 1 employee of Winwelfare Srl-Sb, with registered offices in Modena, Strada Vignolese n. 1342.

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 n°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, 2021 on the University website 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: a) *Digital Humanities and Digital communication*; b) *Language and Culture Studies* (English, French, German, Italian and Spanish studies): Narratology, re-readings and rewritings of the literary canon, discourse analysis and specialized discourse, translation studies; c) *History and Philosophy*: theoretical philosophy, philosophy of language, moral philosophy and history of ideas; modern and contemporary History; d) *Intercultural Education and Communication*: sociology of communication, educational practices and processes.

Language required is 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 29, 2020, 9:00 am. Interviews could continue on July 30, 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:

- 5 scholarships without specific topic;
- 1 scholarship on the specific topic “Breeding and innovations in Medical Cannabis”;
- 1 scholarship on the specific topic “Identification and deployment of possible sources of resistance to *Stemphylium* rot in onion (*Allium cepa* L.)”.

Places reserved for industrial doctorate:

- 1 employee of DSP Explorer S.r.l., with registered offices in Cuneo, Corso Giovanni Giolitti n. 2;
- 1 employee of Federalimentare Servizi S.r.l., with registered offices in Roma, Viale Pasteur n. 10;
- 1 employee of San Giacomo S.r.l., with registered offices in Campagnola Emilia (RE), Via Verdi n. 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 procedures (for all selective procedures): The Course includes three selective procedures depending on the type of places available. The candidate interested in more than one selection procedure must submit the application for admission and pay the relative contribution of € 25.00 for each of the procedures in which he/she wishes to participate.

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. It must be written in English language using the template reported in *annex B2* and must include the exact name and nature of degrees possessed, publications, if applicable, and contributions to conferences/congresses;
- 3) a summary of MSc thesis in Italian or English, or equivalent – with length between 3000 and 5000 characters (including spaces) – organised under the following headings: statement of purpose, research methodology used, obtained results;

4) a Statement of Research Interest, written in English language using the template reported in annex C2 and referring to the instructions contained therein, which illustrates the reasons why the candidate wishes to attend the PhD Programme, and describes her/his specific research interests, in relation to the Research Topics of the XXXVII cycle 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.

Referring to the selective procedure n. 1 indicated 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 procedure (for places with scholarships places and for places reserved for industrial doctorate): 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 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 the industrial doctorate will be allocated to the candidates reaching the best ranking position among those who have applied primarily for the reserved places.

2) Selection procedure for one place with scholarship on the specific topic "Breeding and innovations in Medical Cannabis": 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 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.

1) Selection procedure scholarship on the specific topic “Identification and deployment of possible sources of resistance to *Stemphylium* rot in onion (*Allium cepa* L.)”: 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 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.

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

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

Modena, 07/06/2021

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 B1 (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 (XXXVII 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

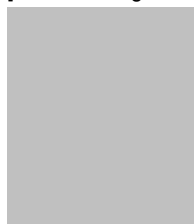
ANNEX B2 (to be used only for applications to the PhD Programme in Food and agricultural science, technology and biotechnology)

CURRICULUM VITAE

PERSONAL INFORMATION

Replace with First name(s) Surname(s)

[All CV headings are optional. Remove any empty headings.]



📍 Replace with house number, street name, city, postcode, country

☎ Replace with telephone number 📱 Replace with mobile number

✉ State e-mail address

🌐 State personal website(s)

Date of birth: dd/mm/yyyy | **Nationality:** Enter nationality/-ies

EDUCATION AND TRAINING

Replace with dates
(from dd/mm/yy– to dd/mm/yy)

[Add separate entries for each course. Start from the most recent.]

RESEARCH EXPERIENCE

Replace with dates
(from dd/mm/yy– to dd/mm/yy)

[Remove any headings left empty.]

[Add separate entries for each experience. Start from the most recent]

Replace with occupation or position held (e.g., research grant, research scholarship.....)

Replace with University or Research Centre name and locality (if relevant, full address and website):

- Replace with main activities (max 200 characters)

TEACHING EXPERIENCE

Replace with dates
(from dd/mm/yy– to dd/mm/yy)

[Remove any headings left empty.]

[Add separate entries for each experience. Start from the most recent]

e.g mentorship, teaching, seminars (specifying place, institution)

WORK EXPERIENCE

Replace with dates
(from dd/mm/yy– to dd/mm/yy)

[Remove any headings left empty.]

[FILL WITH OTHER WORK EXPERIENCE (IF ANY)]

[Add separate entries for each experience. Start from the most recent]

Replace with occupation or position held

Replace with employer’s name and locality (if relevant, full address and website)

- Replace with main activities and responsibilities (max 200 characters)

PERSONAL SKILLS

Mother tongue(s)

Replace with mother tongue(s)

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Enter level	Enter level	Enter level	Enter level	Enter level
Replace with name of language certificate (if any). Enter level if known.				

Replace with language

Replace with language

Enter level	Enter level	Enter level	Enter level	Enter level
-------------	-------------	-------------	-------------	-------------

Replace with name of language certificate (if any). Enter level if known.

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Common European Framework of Reference for Languages

Communication skills

Replace with your communication skills. Specify in what context they were acquired.

Example:

- good communication skills gained through my experience as sales manager

Organisational / managerial skills

Replace with your organisational / managerial skills. Specify in what context they were acquired. Example:

- leadership (currently responsible for a team of 10 people)

Digital skills

SELF-ASSESSMENT

Word processors	Spreadsheet	Presentation software	Statistical software (specify)	Image editing	Programming languages (specify)
Enter level	Enter level	Enter level	Enter level	Enter level	Enter level

Levels: Basic user - Independent user - Proficient user

Digital competences - Self-assessment grid

Indicate below ICT-certificates (if any)

Replace with your other computer skills. Specify in what context they were acquired.

ADDITIONAL INFORMATION

[List relevant publications, presentations, conferences/seminars, honours and awards, memberships, other certifications (if any). Remove headings not relevant in the left column. Please, indicate for each publications the DOI code or any relevant information to find them on web. In absence of this information, the candidate can add the relevant files as annexes.]

Publications

Oral presentations

Poster presentations

Participation to

Conferences/seminars

Honours and awards

Memberships

Other certifications

Annex C1 (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 (XXXVII 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
- Composite indicators, Machine learning and Big data
- 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 C2 (to be used only for applications to the PhD Programme in Food and agricultural science, technology and biotechnology)

STATEMENT OF RESEARCH INTEREST

Candidate: name/surname

In case of multiple research topics, please duplicate the table below

Title of the Research Topic	<i>Please, report here the exact title of the topic for the XXXVII cycle, available from the PhD Programme website at: http://www.steba.unimore.it/site/home/research-topics.html</i>
Description of the specific research interest	(max 3000 characters including spaces) <i>Please illustrate the reasons why you wish to attend the PhD Programme and describe your specific research interests related to the Research Topic. Previous studies and experiences on the specific topic may be indicated.</i>

Annex D1 (Apprenticeship contract)

DECLARATION OF PRIORITARY 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 “**Information and communication technologies (ICT)**”:

- n. 1 place with apprenticeship contract for advanced training financed by Meta System Spa Company for work, training and research activities on the issue of electromagnetic compatibility in e-mobility applications.

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)

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

- n. 1 place reserved for employees of Ammagamma srl
- n. 2 places reserved for employees of Miliaris srl
- n. 1 place reserved for employees of CPL Concordia Soc. Coop

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

- n. 1 place reserved for employees of Elettric80 Spa
- n. 1 place reserved for employees of VEMA Industries Spa

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

- n. 1 place reserved for employees of DAES SA
- n. 1 place reserved for employees of Deep Blue srl
- n. 1 place reserved for employees of PetrolValves Spa
- n. 2 places reserved for employees of R&D CFD srl

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

- n. 1 place reserved for employees of Baltur Spa
- n. 1 place reserved for employees of Hera Spa
- n. 2 places reserved for employees of Tetra Pak Packaging Solutions Spa

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

- n. 1 place reserved for employees of Holostem Terapie Avanzate Srl

- 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. 1 place reserved for employees of Winwelfare Srl-Sb

- PhD Programme in “**Food and agricultural science, tecnologia e biotecnology**”:

- n. 1 place reserved for employees of DSP Explorer Srl
- n. 1 place reserved for employees of Federalimentare Servizi Srl
- n. 1 place reserved for employees of San Giacomo Srl

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 PRIORITARY 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: **Non-hormonal (NH) contraception by nanobody-mediated modulation of ovarian GPCRs**
- n. 1 place funded by with a three-year research grant: **The role of adhesive systems and resin composites in the long-term success of direct restorations**

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

- n. 1 place funded by with a three-year research grant: **User experience mapping and simulation for the design of manufacturing tasks and workplaces**

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

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

- n. 1 place reserved for candidates with scholarship provided by foreign States

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. 2021/2022 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 _____
nato/a _____ 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. 2021/2022, XXXVII 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, XXXVII cycle – A.Y. 2021/2022, 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. 2021/2022, XXXVII

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. _____

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, 2021 (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 the following link: <https://unimore.u-web.cineca.it/>

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. 2021/2022, XXXVII 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, XXXVII cycle – A.Y. 2021/2022, 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 that 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