

**REGISTRATION OPENING: October 21<sup>st</sup> 2022 9:00 am (Italian time)**  
**DEADLINE FOR APPLICATIONS: November 17<sup>th</sup> 1:00 pm (Italian time)**



Student Services Area  
PhD Office

Rector's Decree No 1210/2022  
Prot. N°261638 of 19/10/2022

## THE RECTOR

- GIVEN the Statute of the University of Modena and Reggio Emilia, enacted by Rector's Decree no. 3 of February 6<sup>th</sup>, 2012 and subsequent amendments and additions;
- GIVEN the Italian Prime Minister's Decree of April 9<sup>th</sup>, 2001 on "*Uniform treatment regarding the right to higher education*", in accordance with art. 4 of Law no. 390 of December 2<sup>nd</sup>, 1991, and subsequent amendments and additions;
- GIVEN art. 4 of Law no. 210 of July 3<sup>rd</sup>, 1998 on "*Guidelines for the recruitment of tenured university researchers and professors*", published in the Official Gazette of July 6<sup>th</sup>, 1998, General Series no. 155, and subsequent amendments and additions;
- GIVEN Law No. 240 of December 30<sup>th</sup>, 2010;
- GIVEN Ministerial Decree no. 226 of December 14<sup>th</sup>, 2021, on "*Regulation on the procedures for the accreditation of seats and PhD programmes and criteria for establishment of the PhD programmes by the accredited institutions*", published in the Official Gazette of December 29<sup>th</sup>, 2021, General Series, no. 308;
- GIVEN Ministerial Decree no. 301 of March 22<sup>nd</sup>, 2022 on "*Guidelines for the accreditation of PhD programmes in accordance with art. 4, paragraph 3, of the Regulation as per Ministerial Decree no. 226 of December 14<sup>th</sup>, 2021*";
- GIVEN Rector's Decree no. 481 of May 12<sup>th</sup>, 2022, implementing the provisions contained in Ministerial Decree no. 226 of December 14<sup>th</sup>, 2021, to enact the University Regulations governing PhD studies, and subsequent amendments and additions;
- GIVEN the resolutions of the Senate of May 10<sup>th</sup>, 2022 and of the Exexecutive Boards of May 13<sup>th</sup> and 20<sup>th</sup>, 2022 which approved the planning and the establishment of PhD programmes, with administrative headquarters at the University of Modena and Reggio Emilia;
- GIVEN the Rectoral decree of June 10<sup>th</sup>, 2022, no. 613, which determined the amount of tuition and fee charges for enrolment and attendance in PhD programmes for the academic year 2022/23;
- GIVEN EU Regulation 2021/241 of the European Parliament and of the Council of February 12<sup>th</sup>, 2021 establishing the Recovery and Resilience Facility (RRF Regulation) with the specific objective of providing financial support to Member States in order to achieve the milestones and targets for reforms and investments set out in their Recovery and Resilience Plans;
- GIVEN the ECOFIN Decision of July 13<sup>th</sup>, 2021, whereby the Council positively assessed Italy's Recovery and Resilience Plan, and notified to Italy by the General Secretariat of the Council by note LT161/21, dated July 14<sup>th</sup>, 2021;
- GIVEN EU Regulation 2018/1046 of July 18<sup>th</sup>, 2018 on the financial rules applicable to the general budget of the Union, amending EU Regulations No. 1296/2013, No. 1301/2013, No. 1303/2013, No. 1304/2013, No. 1309/2013, No. 1316/2013, No.

223/2014, No. 283/2014 and Decision No. 541/2014/EU and repealing Regulation (EU, Euratom) No. 966/2012;

- GIVEN Mission 4 "Education and Research" - Component 2 "From research to enterprise" - Investment 1.4 "Strengthening research structures and creation of "national R&D champions" on certain Key Enabling Technologies"; Investment 1.5 "Creating and strengthening "innovation ecosystems", building "territorial R&D leaders""; Investment Line 3.1, "Fund for the realisation of an integrated system of research and innovation infrastructures" – NextGenerationEU;
- GIVEN Article 17 EU Regulation 2020/852, which defines environmental objectives, including the principle of "Do no significant harm" (DNSH), and the related European Commission Communication C(2021) 1054 final of February 12<sup>th</sup>, 2021, on "Technical guidance on the application of the principle of "Do no significant harm" under the Regulation on the Recovery and Resilience Facility";
- GIVEN the National Recovery and Resilience Plan, officially submitted to the European Commission on April 30<sup>th</sup>, 2021 pursuant to Article 18 of EU Regulation No. 2021/241 and positively assessed by the ECOFIN Council Decision of July 13<sup>th</sup>, 2021 and notified to Italy by the General Secretariat of the Council by note LT161/21, dated July 14<sup>th</sup>, 2021;
- GIVEN the transversal principles set out in the NRRP, such as, inter alia, the principle of contribution to the climate and digital objective (so-called tagging), the principle of gender equality and the obligation to protect and enhance young people;
- GIVEN investment 1.4 of M4C2 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies", which aims at financing the creation of national research centres, selected through competitive procedures, that are able to reach, through the collaboration of universities, research centres and enterprises, a critical threshold of research and innovation capacity;
- GIVEN Investment Line 1.5 of M4C2 - Creation and strengthening of "Innovation Ecosystems", building "territorial R&D leaders", which aims at the creation and promotion of innovation and sustainability for an area/territory;
- GIVEN Investment Line 3.1 of the M4C2, which establishes the "Fund for the creation of an integrated system of research and innovation infrastructures" of the PNRR, which provides support for "the creation of research and innovation infrastructures linking the industrial sector with the academic sector";
- GIVEN the Ministry of University and Research's Notice No. 3138 of December 16<sup>th</sup>, 2021 Corrected by directorial decree of December 18<sup>th</sup>, 2021 no. 3175, for the submission of Proposals for interventions to be financed under the National Recovery and Resilience Plan, Mission 4 Component 2 Investment 1. 4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" financed by the European Union - NextGenerationEU, aimed at the creation of 5 (five) National Centres dedicated to frontier research related to technological areas consistent with the priorities of the European Research Agenda and with the contents of the National Research Plan 2021-2027;
- GIVEN the Notice of the Ministry of Universities and Research of December 30<sup>th</sup>, 2021 no. 3277 for the submission of Proposals for intervention for the creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders" - Ecosystems of Innovation - within the framework of the National Recovery and Resilience Plan, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1. 5, funded by the European Union -

NextGenerationEU, aimed at the creation of twelve Innovation Ecosystems on the national territory;

- GIVEN the Notice of the Ministry of Universities and Research of December 28<sup>th</sup>, 2021 no. 3264, for the submission of project proposals for "Strengthening and Creation of Research Infrastructures" to be financed under the PNRR Mission 4, "Education and Research" - Component 2, "From Research to Enterprise" - Investment Line 3. 1, "Fund for the realisation of an integrated system of research and innovation infrastructures", financed by the European Union - NextGenerationEU, which aims at implementing the reference action 3.1.1 "Creation of new RIs or reinforcement of existing ones that contribute to the objectives of Scientific Excellence of Horizon Europe and networking" referred to in Ministerial Decree no. 1141 of October 7<sup>th</sup>, 2021;
- CONSIDERING that, by virtue of the resolution passed by the Board of Directors on January 28<sup>th</sup>, 2022, the University participates as a founding HUB, leader of Spoke 1 and affiliated to Spoke 2 in CN3 - NATIONAL RESEARCH CENTRE FOR THE DEVELOPMENT OF GENE TECHNOLOGY THERAPY AND RNA TECHNOLOGY PHARMACIES (CUP: E93C22001080001), admitted for funding by grant decree no. 1035 of June 17<sup>th</sup>, 2022 and the relevant deed of obligation (code CN 00000041) of August 1<sup>st</sup>, 2022, for NEXTGENERATIONEU funds;
- CONSIDERING that, by virtue of the resolution of the Board of Directors of January 28<sup>th</sup>, 2022, the University participates as a founding HUB, leader of Spoke 6 and affiliated to Spokes 12 and 13 in CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS (CUP: E93C22001070001) admitted for funding with concession decree no. 1033 of June 17<sup>th</sup>, 2022 and the related deed of obligation (code CN 00000023) of August 30<sup>th</sup>, 2022, for NEXTGENERATIONEU funds;
- CONSIDERED that, by virtue of the resolution of the Board of Directors of January 28<sup>th</sup>, 2022, the University participates as a founding HUB and affiliated to Spoke 3 in CN\_5: NATIONAL BIODIVERSITY CENTRE (CUP: E93C22001090001) admitted to funding with concession decree no. 1034 of June 17<sup>th</sup>, 2022 and related deed of obligation (code CN 00000033) of August 11<sup>th</sup>, 2022, to be borne by NEXTGENERATIONEU funds;
- CONSIDERING that, by virtue of the resolution of the Board of Directors of February 18<sup>th</sup>, 2022, the University participates as a founding HUB and leader of Spoke 2 and affiliate of Spokes 1, 3, 4, 5, 6 in the innovation ecosystem "Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) (CUP: E93C22001100001) admitted for funding with concession decree no. 1052 of June 23<sup>rd</sup>, 2022 and the related deed of obligation (ECS code 00000033) of August 25<sup>th</sup>, 2022, to be financed by NEXTGENERATIONEU funds;
- CONSIDERING that, by virtue of the resolution passed by the Board of Directors on February 18<sup>th</sup>, 2022, the University participates as co-proponent, subject to the signing of the agreement pursuant to art. 15 of L. 241/90, in the research infrastructure "EUROPEAN BRAIN RESEARCH INFRASTRUCTURES ITALY (EBRAINS-ITALY) (CUP: B51E22000150006) admitted to funding by concession decree no. 117 of June 21<sup>st</sup>, 2022 and related deed of obligation (code IR0000011) of August 9<sup>th</sup>, 2022, to be financed by NEXTGENERATIONEU funds;
- CONSIDERING that, by virtue of the resolution passed by the Board of Directors on February 18<sup>th</sup>, 2022, the University participates as co-proponent, subject to the signing of the agreement pursuant to art. 15 of L. 241/90, in the research infrastructure "Strengthening the MIRRI Italian Research Infrastructure for Sustainable Bioscience and Bioeconomy (SUS-MIRRI.IT)" (CUP: D13C22001390001), admitted for funding by concession decree no. 114 of June

21<sup>st</sup>, 2022 and related deed of obligation (code IR0000005) of July 28<sup>th</sup>, 2022, to be financed by NEXTGENERATIONEU funds;

CONSIDERING that, by virtue of the resolution passed by the Board of Directors on February 18<sup>th</sup>, 2022, the University participates as co-proponent, subject to the signing of the agreement pursuant to Article 15 of Law no. 241/90, in the research infrastructure "Italian Strengthening of Esfri RI Resilience (ITSERR)" (CUP: B53C22001770006) admitted to funding by concession decree no. 111 of June 20<sup>th</sup>, 2022 and related deed of obligation (code IR0000014) of August 9<sup>th</sup>, 2022, to be financed by NEXTGENERATIONEU funds;

GIVEN the relevant Grant Terms and Conditions;

GIVEN the determinations of the competent University bodies in this regard;

CONSIDERING that it is necessary to proceed with the publication of the call for proposals as soon as possible in order to allow the research activities to commence promptly;

## D E C R E E S

### **ARTICLE 1 – Institution**

The University of Modena and Reggio Emilia hereby announces selection procedures for admission to the PhD programmes with triennial term as from January 1<sup>st</sup>, 2023 listed in art. 17, which follows, for the XXXVIII cycle, Academic Year 2022/2023.

The grantees of PhD scholarships, which provide the development of a specific research theme, are bound to conduct this activity.

**This call is equivalent to notification to all intents and purposes.** Any changes, updates or additions to the content of this call will be announced, **exclusively**, on the following website: <https://www.unimore.it/bandi/StuLau-Scott.html> and on the online University notice board (<https://wss.unimore.it/public/albo/>).

### **ARTICLE 2 - Admission requirements**

The competition is open to any candidate, regardless of age or nationality, who as of **December 31<sup>st</sup>, 2022**, 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 the CINEA, as a ENIC\_NARIC center
- 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 the CINEA, as a ENIC\_NARIC center.

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, December 31<sup>st</sup>, 2022, via e-mail to the address [segr.dottorati@unimore.it](mailto: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, February 28<sup>th</sup>, 2023, via e-mail to the address [segr.dottorati@unimore.it](mailto: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 the CINEA, as a ENIC\_NARIC center;

- 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 the CINEA, as a ENIC\_NARIC center.

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.

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 from October 21<sup>st</sup>, 2022, 9.00 a.m. until the final deadline of **November 17<sup>th</sup>, 2022, 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).**

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.”).

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.**

**The pay slip will only be available at the end of the procedure with the final data saving.**

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 November 17<sup>th</sup>, 2022.

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](mailto:segr.dottorati@unimore.it)) within the peremptory deadline of the call deadline (November 17<sup>th</sup>, 2022, 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 (November 17<sup>th</sup>, 2022, 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.

At the end of the admission procedure a reminder summary of the application form is generated for each candidate. This document must be kept by its candidate and should not be transmitted to anyone else.

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](mailto: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 a secondary school qualification;
- g) 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;
- h) the exact title of the PhD Programme chosen by the candidate;
- i) curriculum vitae;
- j) academic qualifications and any other documents;
- k) publications.

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 the Cimea as a ENIC\_NARIC center, in accordance with the regulations governing the admission of foreign students to Italian university degree courses, by the final deadline of February 28<sup>th</sup>, 2023;

4) in the case of candidates who complete their degree after the deadline for this call, but before December 31<sup>st</sup>, 2022, 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 the Cimea as a ENIC\_NARIC center. 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 (maximum 3 unless otherwise stipulated in Art. 17 in the sections dedicated to each Course); 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 November 18<sup>th</sup>, 2022, at 11:59 pm (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;

Under article 15 of Law no. 183 of November 12<sup>th</sup>, 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 procedures are indicated in art.17, in the sections relating to each PhD Programme.

#### **ARTICLE 6 – Ranking**

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

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

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

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

- publication on the University website at <https://www.unimore.it>, under: “Academic programmes” / “Doctorate Programmes”, within the designated section for each PhD Programme;
- publication on the online University notice board (<https://wss.unimore.it/public/albo/>).

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

The concurrent enrollment in several study programmes is ruled by Law no. 33 of April 12<sup>th</sup>, 2022.

The joint attendance of the PhD programme and a medical specialisation school is allowed in compliance with the following general criteria:

- a) compatibility, also in consideration of the distance between the seats, of the activities and commitment provided by the graduate school and the PhD programme, certified by the board of the medical specialisation school and by the PhD Teaching Body;
- b) incompatibility between the PhD scholarship and fees, however denominated, received in relation to the activities of the specialisation school.

In cases of joint attendance referred to in this article, the request for reduction of doctoral activities is accepted by the faculty of the doctoral programme, after positive evaluation of the consistency of the research activities already carried out in the medical specialisation course, with the doctoral project. For the purposes of accepting the application referred to in this paragraph, the opinion of compatibility, expressed by the board of the specialisation school, of the doctoral project with the educational purposes of the graduate school itself is also required. If the application referred to in this paragraph is accepted, the PhD programme has a duration of no less than two years.

## **ARTICLE 7 – Enrolment**

Within the mandatory seven-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, Candidates who are favourably ranked in the final merit rankings must enrol in the first year of the PhD course exclusively in accordance with the following procedure:

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](mailto:webhelp@unimore.it)).

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

- a) digital passport photo: a colour passport photo, showing a frontal view of your face, with a neutral or uniform background (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 E “Declaration accompanying application for enrolment on a PhD Programme” - part 1 and part 2;
- g) (in case of students of specialization schools in the medical area) a written permission issued by the Specialization School Committee, following previous art. 6.

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 seven 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 send Annex A1 (if the qualification is conferred in Italy) or Annex A2 (if the qualification is conferred abroad) to the PhD Office (Via Università n.4, 41121 Modena) no later than December 31<sup>st</sup>, 2022, via E-MAIL to the address [segr.dottorati@unimore.it](mailto: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 February 28<sup>th</sup>, 2023, via E-MAIL to the address [segr.dottorati@unimore.it](mailto: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 the Cimea as a ENIC\_NARIC center.**

**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 D “Self-certification of subscription to Gestione Separata Inps”) to the Salaries Office (“Ufficio Contabilità”) by December 31<sup>st</sup>, 2022, by sending a scanned copy via e-mail to [ufficiostipendi@unimore.it](mailto: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 December 31<sup>st</sup>, 2022, to the PhD Office, by sending a scanned copy via mail to [segr.dottorati@unimore.it](mailto:segr.dottorati@unimore.it).

**For information and assistance concerning the Tax ID code, housing, residence permit, entry visa, 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](mailto: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 of December 28<sup>th</sup>, 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 two 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 completed by December 30<sup>th</sup>, 2022.

## **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<sup>th</sup>, 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 two 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 five days from the day the e-mail was sent. Failure to comply will result in loss of the right to admission.

If the ISEE indicator is equal, the female candidate comes first.

If the ISEE indicator is the same, the youngest candidate comes first.

The annual amount of a study scholarship is € 16.243,00 (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 12 months. This period may be extended up to a maximum of 18 months for doctoral students under joint guidance or Double Degree program with foreign institutions. This increase may be granted to students awarding positions without scholarship too.

From the first year, each PhD student (with or without scholarship) is guaranteed a budget for an amount not less than 10% of the annual amount of the study scholarship.

#### **ARTICLE 10 - Fees for PhD Programmes**

Fees for PhD programs in “Molecular and Regenerative Medicine” and “Neurosciences” which must be paid in one instalment to the enrolment by those who enrol are € 180.48 (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 € 159.67 (the amount of the payment slip that can be downloaded online includes the regional tax, the stamp duty and the insurance coverage).

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, related to work activities useful for the acquisition of skills pertaining to the PhD research area, after evaluation of compatibility of those activities with the fruitful development of the educational, didactic and research activities of the doctoral course.

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. PhD students receiving scholarships on PNRR funding may be subject to further specific obligations that may be communicated by the MUR.

#### **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 considered 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 AlmaLaurea database. This will enable the AlmaLaurea 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.

The University of Modena and Reggio Emilia adopts equal opportunity principles in its selection procedures and rejects any type of discrimination based on sex, gender identity, nationality, ethnicity, religious belief, sexual orientation, state of health, and any other status or quality that is not strictly relevant to the call outlined in this document.

### **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 University 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<sup>rd</sup>, 1998, art. 19 of Law no. 240 of December 30<sup>th</sup>, 2010, Ministerial Decree no. 226 of December 14<sup>th</sup>, 2021 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](mailto: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](mailto:segr.dottorati@unimore.it).

## **ARTICLE 17 – List of Doctorate Research Courses**

### **1) PhD Programme in “INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)”**

#### **Places with scholarship:**

- 1\* with topic “Smart sensors and measuring systems enabling a one-health approach”;
- 1\*\* with topic “Computational analysis of advanced devices and components for sustainable electronics”;
- 1\*\*\* with topic “Data Management, analytics and intelligent AI-based knowledge extraction for multilingual and multi-alphabetic heritages”;
- 1\*\*\* with topic “Multimedia Learning for Automatic Metadata Extraction from Cultural and Historical Archives”;
- 1\*\*\* with topic “Multimodal understanding, document analysis, 3d analysis, deep learning, computer vision”;
- 1\*\*\* with topic “Document understanding, handwritten text recognition, character recognition, deep learning, computer vision”.

\* financed with EU funds - NextGenerationEU - DD. 3277/2021, within the framework of PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 1 - CUP: E93C22001100001

\*\* financed with EU funds - NextGenerationEU - DD. 3277/2021, under the PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 6 - CUP: E93C22001100001

\*\*\* financed with EU funds - NextGenerationEU - DD. 3264/2021, within the framework of the PNRR, Mission 4, "Education and Research" - Component 2, "From research to enterprise" - Investment Line 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures" - Project: Italian Strengthening of Esfri RI Resilience (ITSERR): CUP: B53C22001770006

**Admission requirements for selection procedures:** 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):** The Course provides for six selection procedures (one for each proposed topic). Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topics.

In addition to the provisions of the art. 3 of this application procedure, candidates have to submit the following documents:

- 1) self-certification of the degree (or degree certificate in the case of a degree obtained abroad) showing the list of examinations taken and grades obtained; in the case of candidates who have not yet taken their final degree examination, the list of examinations taken and grades obtained must be presented;
- 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 (Motivation) and a description of his/her research interests (Statement of Research Interest).
- 5) certification of English language skills (TOEFL, Proficiency or others) if possessed;
- 6) certificate of passing the GRE (Graduate Record Examination) test, if any;
- 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.

**1) Selection procedure for a place with scholarship with topic “Smart sensors and measuring systems enabling a one-health approach”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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.

**2) Selection procedure for a place with scholarship with topic “Computational analysis of advanced devices and components for sustainable electronics”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.



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 “Data Management, analytics and intelligent AI-based knowledge extraction for multilingual and multi-alphabetic heritages”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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 “Multimedia Learning for Automatic Metadata Extraction from Cultural and Historical Archives”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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.

**5) Selection procedure for a place with scholarship with topic “Multimodal understanding, document analysis, 3d analysis, deep learning, computer vision”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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.

**6) Selection procedure for a place with scholarship with topic “Document understanding, handwritten text recognition, character recognition, deep learning, computer vision”: 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, and description of motivation (Motivation) and research interests (Statement of Research Interest): 0 to 35 points,
- Exams taken and grades achieved: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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 industrial applications of the aforementioned disciplines in the strategic priority areas defined by the Horizon Europe programs, the National Research Program and the National Recovery and Resilience Plan (PNRR).

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

## **2) PhD Programme in “INDUSTRIAL INNOVATION ENGINEERING” (Main centre: Reggio Emilia)**

### **Places with scholarship:**

- **1\* with topic “Automation for connected and autonomous vehicles”**

- **1\*\*with topic “Thermal management of high-efficiency power trains for sustainable mobility”**

\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS - Spoke 6 - CUP: E93C22001070001

\*\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS - Spoke 12 - CUP: E93C22001070001

**Admission requirements (for all selection procedures):** 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 selection procedures):** The Course provides for two selection procedures (one for each proposed topic). Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topics.

In addition to the provisions of the 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: thesis 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) certificate of passing the GRE (Graduate Record Examination) test, if any;

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.

**1) Selection procedure for a place with scholarship with topic “Automation for connected and autonomous vehicles”:** based on academic and research record

**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 research project: from 0 to 25 points,
- Other qualifications: from 0 to 5 points.

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.

**2) Selection procedure for a place with scholarship with topic “Thermal management of high-efficiency power trains for sustainable mobility”:** based on academic and research record

**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 research project: from 0 to 25 points,
- Other qualifications: from 0 to 5 points.

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".

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](http://www.iii.unimore.it)

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

### **3) PhD Programme "Enzo Ferrari" in INDUSTRIAL AND ENVIRONMENTAL ENGINEERING"**

**Places with scholarship:**

- **1\* with topic "Advanced materials for the health industry";**
- **1\*\* with topic "Fuel cells and electrolysers manufacturing";**
- **1\*\*\* with topic "New terrain analysis methods for physically meaningful terrain partitioning in distributed hydrologic modeling";**
- **1\*\*\* with topic "High-performance computing of 2D surface flow propagation in complex drainage systems by using new mesh-independent numerical methods";**
- **1\*\*\*\* with topic "NVH problems on gear transmissions for electric powertrains"**

\* financed with EU funds - NextGenerationEU - DD. 3277/2021, within the framework of PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 1 - CUP: E93C22001100001

\*\* financed with EU funds - NextGenerationEU - DD. 3277/2021, under the PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 2 - CUP: E93C22001100001

\*\*\* financed with EU funds - NextGenerationEU - DD. 3277/2021, under the PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 6 - CUP: E93C22001100001

\*\*\*\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening

of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS - Spoke 13 - CUP: E93C22001070001

The Course provides for five selection procedures (one for each proposed topic). Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate. The selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topics.

In addition to the provisions of the 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, listing the examinations taken and the marks awarded);
- 2) curriculum of their scientific and teaching activities, written in Italian or English indicating higher education qualifications;
- 3) a summary of final thesis in Italian or English, or equivalent – minimum of three and maximum of six pages – organised under the following headings: thesis motivations, research methodology used, results obtained;
- 4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest);
- 5) certification attesting to knowledge of the English language (TOEFL, Proficiency or other);
- 6) certificate of passing the GRE (Graduate Record Examination) test;
- 7) 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.

**Admission requirements (for all selection procedures):** 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.

**1) Selection procedure for a place with scholarship with topic “Advanced materials for the health industry”:** 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 15 points,
- Publications: from 0 to 5 points,
- Grades and assessments of university studies including the dissertation: from 0 to 10 points,
- Motivation and research project (Statement of Research Interest): from 0 to 25 points,
- other qualifications: 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 30/60 will be considered eligible.

**2) Selection procedure for a place with scholarship with topic “Fuel cells and electrolysers 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: from 0 to 15 points,
- Publications: from 0 to 5 points,
- Grades and assessments of university studies including the dissertation: from 0 to 10 points,
- Motivation and research project (Statement of Research Interest): from 0 to 25 points,
- other qualifications: 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 30/60 will be considered eligible.

### **3) Selection procedure for a place with scholarship with topic “New terrain analysis methods for physically meaningful terrain partitioning in distributed hydrologic modeling”: 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 15 points,
- Publications: from 0 to 5 points,
- Grades and assessments of university studies including the dissertation: from 0 to 10 points,
- Motivation and research project (Statement of Research Interest): from 0 to 25 points,
- other qualifications: 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 30/60 will be considered eligible.

### **4) Selection procedure for a place with scholarship with topic “High-performance computing of 2D surface flow propagation in complex drainage systems by using new mesh-independent numerical methods”: 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 15 points,
- Publications: from 0 to 5 points,
- Grades and assessments of university studies including the dissertation: from 0 to 10 points,
- Motivation and research project (Statement of Research Interest): from 0 to 25 points,
- other qualifications: 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 30/60 will be considered eligible.

### **5) Selection procedure for a place with scholarship with topic “NVH problems on gear transmissions for electric powertrains”: 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 15 points,
- Publications: from 0 to 5 points,

- Grades and assessments of university studies including the dissertation: from 0 to 10 points,
- Motivation and research project (Statement of Research Interest): from 0 to 25 points,
- other qualifications: 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 30/60 will be considered eligible.

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

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 del 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)".

#### **4) PhD Programme in "MODELS AND METHODS FOR MATERIAL AND ENVIRONMENTAL SCIENCES"**

**Places with scholarship:**

- 1\* with topic "Ex situ conservation of plant Biodiversity with a innovative and integrated approach. Germplasm conservation in Seed Bank and in Cryo Bank for biological samples of particular interest (orchid seeds, embryos from recalcitrant seeds, pollen, etc.)";
- 1\* with topic "Biodiversity and evolution of Italian tardigrades in terrestrial and freshwater environments integrating morphological (light and electron microscopy) and molecular studies (DNA barcoding and eDNA metabarcoding)";
- 1\* with topic "Emerging contaminants and soil biodiversity: fate and impacts of micro- and nanoplastics in terrestrial ecosystems coupling ecotoxicological studies and in situ monitoring of soil microarthropods";
- 1\* with topic "Plant biodiversity changes under climate and human impact in Italian areas of high naturalistic value: the diachronic perspective of palynology";

\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_5: CENTRO NAZIONALE BIODIVERSITÀ - Spoke 3 - CUP: E93C22001090001

**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 selection procedures):** The Course provides for four selection procedures (one for each proposed topic). Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topics of the PhD Course.

In addition to the provisions of the 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) a curriculum vitae of one's scientific and teaching activity drafted in Italian or English, with an indication of the university level qualifications held. Please also note that any titles indicated in the curriculum must also be duly certified/self-certified in the appropriate titles section;

3) a summary in Italian or English of the thesis, or equivalent, consisting of a minimum of two to a maximum of four pages and divided into the following points: reasons for the thesis, methods of investigation, results obtained. This summary must also be submitted by candidates who have not yet taken the final degree examination;

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 indicated topics;

5) any certification attesting to knowledge of the English language (TOEFL, Proficiency or other).

**1) Selection procedure for a place with scholarship with topic "Ex situ conservation of plant Biodiversity with a innovative and integrated approach. Germplasm conservation in Seed Bank and in Cryo Bank for biological samples of particular interest (orchid seeds, embryos from recalcitrant seeds, pollen, etc.)": based on academic and research record**

The Selection committee has the capacity to assign scores up to a total of 40 points in the evaluation of candidate qualifications, as follows:

- Curriculum vitae of studies and congruity of the examinations taken and the topics of the dissertation with respect to the theme of the PhD scholarship: 0 to 15 points

- Statement of Research Interest and its consistency with the topic of the selection: 0 to 10 points



- publications, conference papers, certifications: from 0 to 5 points
- other qualifications (certificate of knowledge of English, letters of reference, periods of study abroad): 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 20/40 will be considered eligible.

**2) Selection procedure for a place with scholarship with topic “Biodiversity and evolution of Italian tardigrades in terrestrial and freshwater environments integrating morphological (light and electron microscopy) and molecular studies (DNA barcoding and eDNA metabarcoding)”: based on academic and research record**

The Selection committee has the capacity to assign scores up to a total of 40 points in the evaluation of candidate qualifications, as follows:

- Curriculum vitae of studies and congruity of the examinations taken and the topics of the dissertation with respect to the theme of the PhD scholarship: 0 to 15 points
- Statement of Research Interest and its consistency with the topic of the selection: 0 to 10 points
- publications, conference papers, certifications: from 0 to 5 points
- other qualifications (certificate of knowledge of English, letters of reference, periods of study abroad): 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 20/40 will be considered eligible.

**3) Selection procedure for a place with scholarship with topic “Emerging contaminants and soil biodiversity: fate and impacts of micro- and nanoplastics in terrestrial ecosystems coupling ecotoxicological studies and in situ monitoring of soil microarthropods”: based on academic and research record and interview**

The Selection committee has the capacity to assign scores up to a total of 40 points in the evaluation of candidate qualifications, as follows:

- Curriculum vitae of studies and congruity of the examinations taken and the topics of the dissertation with respect to the theme of the PhD scholarship: 0 to 15 points
- Statement of Research Interest and its consistency with the topic of the selection: 0 to 10 points
- publications, conference papers, certifications: from 0 to 5 points
- other qualifications (certificate of knowledge of English, letters of reference, periods of study abroad): 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 20/40 will be considered eligible.

**4) Selection procedure for a place with scholarship with topic “Plant biodiversity changes under climate and human impact in Italian areas of high naturalistic value: the diachronic perspective of palynology”: based on academic and research record and interview**

The Selection committee has the capacity to assign scores up to a total of 40 points in the evaluation of candidate qualifications, as follows:

- Curriculum vitae of studies and congruity of the examinations taken and the topics of the dissertation with respect to the theme of the PhD scholarship: 0 to 15 points
- Statement of Research Interest and its consistency with the topic of the selection: 0 to 10 points
- publications, conference papers, certifications: from 0 to 5 points
- other qualifications (certificate of knowledge of English, letters of reference, periods of study abroad): 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 20/40 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 Big Data and 'Industry 4.0'.

The professors board may propose to one or more of the enrolled PhD students, who are deemed suitable, a study and research programme collaboration with the French University of Lille that will also allow them to obtain the French title of PhD in "*Sciences de la matière, du rayonnement et de l'environnement*".

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>

## 5) PhD Programme in "MOLECULAR AND REGENERATIVE MEDICINE"

**Places with scholarship:**

- **1\* with topic "Harnessing leukemia-specific T cell immunity to prevent acute leukemia disease relapse before and after allogeneic hematopoietic stem cell transplantation"** (financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on some Key Enabling Technologies" - Project: CN\_3: NATIONAL RESEARCH CENTRE DEVELOPING GENETIC THERAPY AND DRUGS WITH RNA TECHNOLOGY - Spoke 2 - CUP: E93C22001080001).

**Admission requirements:** Italian second level degree ("laurea magistrale", under D.M. 207/04) in the following discipline: LM-6 Biology, LM-9 Medical, veterinary and pharmaceutical biotechnology, 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, 9/S Medical, veterinary and pharmaceutical biotechnology, 46/S Medicine and Surgery; Italian degree in Biological Sciences, in Biotechnology (curriculum Pharmaceutical Biotechnology or Medical Biotechnology or Veterinary Biotechnology), in Medicine and Surgery, obtained prior to D.M. 509/99); equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of the Call).

### **Selection Procedure: based on academic and research record**

The Course provides for two selection procedures depending on the type of places available. Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selections are intended to verify the candidate’s preparation and aptitude to carry out research activities related to the topics of the PhD Course.

In addition to the provisions of the 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

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, or 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.

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 30/60 will be considered eligible.

**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>

## 6) PhD Programme in “NEUROSCIENCES”

### Places with scholarship:

- **1 with topic “Analysis of functional and structural properties of ex vivo human hippocampal tissue”** (financed with EU funds - NextGenerationEU - DD. 3264/2021, within the framework of the PNRR, Mission 4, "Education and Research" - Component 2, "From research to enterprise" - Investment Line 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures" - Project: EUROPEAN BRAIN RESEARCH INFRASTRUCTURES ITALY (EBRAINS-ITALY): CUP: B51E22000150006)

**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 selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topic.

In addition to the provisions of the 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 20 points;
- 3) publications, up to a maximum of 10 points;
- 4) other qualifications (including specialties and experiences post-graduate), up to a maximum of 10 points.

With regard to titles 2-4, their relevance to the topic of the doctoral scholarship will be assessed.

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 20/60 will be considered eligible.

**Areas of the PhD Programme:** 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>

## 7) PhD Programme in “PHYSICS AND NANO SCIENCES”

### Places with scholarship:

- **1\* with topic: "HPC materials design for energy applications"**. The planned activities are of a theoretical / computational type aimed at the development and implementation of advanced calculation methodologies (which use HPC techniques) and their application to materials with a view to optimizing the performance of devices for the production and transformation of clean energy.

- **1\*\* with topic: "Simulation of materials for carbon free fuel devices"**. The research activity involves the theoretical-computational study of innovative materials for applications to the eco-sustainable production of energy.

- **1\*\*\* with topic: "Sustainable nanomaterials for battery and supercapacitor technology development"**. The planned experimental activities are related to the development of micro- and nano-scale components and devices for electrical energy storage technologies (e.g. batteries, supercapacitors). In particular, the activity involves the design, construction and testing of architectures of electronic and thermoelectric devices developed using optical and electronic lithography techniques, as well as the realization of electrical, thermal and thermoelectric transport measurements. Sustainable nanomaterials will also be tested.

\* financed with EU funds - NextGenerationEU - DD. 3277/2021, within the PNRR, Mission 4 Education and Research - Component 2 From research to enterprise - Investment 1.5 - Project: Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER) - Spoke 6 - CUP: E93C22001100001

\*\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS - Spoke 12 - CUP: E93C22001070001

\*\*\* financed with EU funds - NextGenerationEU - DD. 3175/2021 AND DD. 3138/2021, within the framework of the PNRR, Mission 4 Component 2 Investment 1.4 "Strengthening of research structures and creation of "national R&D champions" on certain Key Enabling Technologies" - Project: CN\_4: NATIONAL CENTRE FOR SUSTAINABLE MOBILITY - CNMS - Spoke 13 - CUP: E93C22001070001

**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 the selection procedures):** The Course provides for three selection procedures (one for each proposed topic). Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selections are intended to verify the candidate's preparation and aptitude to carry out research activities related to the indicated topics.

In addition to the provisions of the 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 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 specific research topic of the fellowship.

### **1) Selection procedure for a place with scholarship with topic: “HPC materials design for energy applications”: based on academic and research record**

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 considering:

- 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 considered: one to three letters of recommendation from 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.

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.

## **2) Selection procedure for a place with scholarship with topic: “Simulation of materials for carbon free fuel devices”: based on academic and research record**

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 considering:

- 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 considered: one to three letters of recommendation from 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.

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: “Sustainable nanomaterials for battery and supercapacitor technology development”: based on academic and research record**

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 considering:

- 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 considered: one to three letters of recommendation from 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.

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:** Main topics include: quantum sciences and technologies; nanofabrication, microscopy and spectroscopy; nano-systems for energy conversion; nanostructured, low-dimensional, graphene and 2D systems functional surfaces and molecules; physics and chemistry of bio-nano systems; nano-scale tribology; advanced computational theory and methods for materials and nanosystems; fields and strings theory. Further information is available from the PhD-PNS website at: <http://www.nano-phdschool.unimore.it/site/home/topics/>.

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

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

### **Places with scholarship:**

- **1 with topic “Microbial resources for sustainable bioscience and bioeconomy”** (financed with EU funds - NextGenerationEU - DD. 3264/2021, as part of the PNRR, Mission 4, "Education and Research" - Component 2, "From research to enterprise" - Investment Line 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures" - Project: Strengthening the MIRRI Italian Research Infrastructure for Sustainable Bioscience and Bioeconomy (SUS-MIRRI.IT) - CUP: D13C22001390001).

**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 is intended to verify the candidate's preparation and aptitude to carry out research activities related to the above-mentioned topic.

In addition to the provisions of the 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 B* 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 C* 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 indicated topic (available from the PhD Programme website at: <http://www.steba.unimore.it/> under “Research topics”).

5) any letters of presentation/reference drawn up by experts in the fields of research of the Course, indicating the public or private structure at which such experts work, which must be produced directly by the referees and exclusively according to the procedure indicated in art. 3 of the Call.

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

- 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, October 19<sup>th</sup>, 2022

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**

Degree awarded (or to be awarded) (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 (or to be awarded) by the University of

\_\_\_\_\_

Degree awarded on (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 (or to be awarded) at the University of \_\_\_\_\_

Qualification awarded on (dd/mm/yyyy) \_\_\_\_\_

Final degree mark /grade \_\_\_\_\_

Main Field(s) of Study for the Qualification \_\_\_\_\_

Language(s) of Instruction/Examination \_\_\_\_\_

Official Length of Programme (years) \_\_\_\_\_

Access Requirement(s) to Programme \_\_\_\_\_

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

DATE	EXAMINATION	GRADE	MARK	CREDITS OBTAINED

Useful additional information about examinations and results \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

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

- Yes
- No

## ADDITIONAL DECLARATION

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

---

Date and place

---

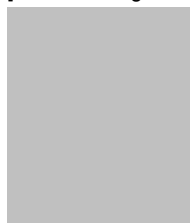
Signature (legible and in full)

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


### CURRICULUM VITAE

#### PERSONAL INFORMATION

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



#### Replace with First name(s) Surname(s)

 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)

Replace with language

Replace with language

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.				
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 C (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***

<b>Title of the Research Topic</b>	<i>Microbial resources for sustainable bioscience and bioeconomy</i>
<b>Description of the specific research interest</b>	<b>(max 3000 characters including spaces)</b> <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 D

### 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](mailto: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”<sup>1</sup> in quanto iscritto presso la seguente cassa pensionistica: *(specificare quale)* .....
- “CASSA UNICA - aliquota MASSIMA”<sup>2</sup> in quanto non iscritto presso alcuna cassa pensionistica obbligatoria

<sup>1</sup> 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.

<sup>2</sup> Dall’anno 2022: 35,03%.

\*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**  
**ANNEX E (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. 2022/2023, XXXVIII 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, XXXVIII cycle – A.Y. 2022/2023, 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, modified by Legislative Decree No. 101/2018, 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, or certificate of comparability and verification issued by CIMEA as ENIC\_NARIC centre, or Diploma supplement for academic degrees awarded in European Union.

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 E (Part 2) - Form “Accompanying declaration for scholarship holders”**

### **DECLARATION ACCOMPANYING APPLICATION FOR ENROLMENT ON A PhD PROGRAMME A.Y. 2022/2023, XXXVIII**

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. BIC/SWIFT code (only in case of foreign bank account) \_\_\_\_\_.

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](http://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](http://www.inps.it)) and send via e-mail a [ufficiostipendi@unimore.it](mailto: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 December 31, 2022 (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) \_\_\_\_\_