



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

DEADLINE FOR APPLICATIONS: 09/08/2016 1:00 pm (Italian time)

Student Services Area
Postgraduate Office

Rector's Decree No. 317/2016
Prot. No. 93172 of 13/07/2016

THE RECTOR

- GIVEN the Statute of the University of Modena and Reggio Emilia, enacted by Rector's Decree no. 3 of February 6, 2012 and subsequent amendments and additions;
- GIVEN the Italian Prime Minister's Decree of April 9, 2001 on "*Uniform treatment regarding the right to higher education*", in accordance with art. 4 of Law no. 390 of December 2, 1991, and subsequent amendments and additions;
- GIVEN art. 4 of Law no. 210 of July 3, 1998 on "*Guidelines for the recruitment of tenured university researchers and professors*", published in the Official Gazette of July 6, 1998, General Series no. 155, and subsequent amendments and additions;
- GIVEN Ministerial Decree no. 45 of February 8, 2013, on "*Regulations on the procedures for the accreditation of teaching establishments and PhD Programmes by accredited institutions*", published in the Official Gazette of May 6, 2013, General Series, no. 104;
- GIVEN Rector's Decree no. 168 of July 18, 2013, implementing the provisions contained in Ministerial Decree no. 45 of February 8, 2013, to enact the University Regulations governing PhD studies, and subsequent amendments and additions;
- GIVEN Law no. 240 of December 30, 2010;
- GIVEN the resolution of the Executive Board, in its session of May 27, 2016, which determined the amount of tuition and fee charges for enrolment and attendance in PhD programmes for the academic year 2016/2017;
- GIVEN the Note from the Ministry of Education, Higher Education and Research of prot.6363 of March 11, 2016 on the "*Operative guidelines on the procedure of accreditation of PhD Programmes A.A. 2016-2017-XXXII cycle*";
- GIVEN the document of the National Agency for the Evaluation of the University System and Research (ANVUR) "*Accreditation of PhD Programmes*" of February 8, 2016;
- GIVEN the resolution of the Academic Senate in its session of May 17, 2016 and the Executive Board in its session of May 27, 2016 approving the guidelines for the use of telematic methods for the selection procedures for admission to PhD programmes;
- GIVEN the call of the selection procedures for admission to doctoral courses XXXII of the cycle of this university, prot. No. N.61792 of 01.06.2016 and subsequent amendments and additions;
- GIVEN the Emilia Romagna Region Council Resolution of 13.06.2016, with Num. Progr. 886/2016, with which projects and related scholarships for implementation of the

three-year Plan High Skills for research, technology transfer and entrepreneurship have been approved;

DECREES

ARTICLE 1 – Institution

The University of Modena and Reggio Emilia hereby announces selection procedures for admission to the three-year PhD programmes listed in art. 16, which follows, for the XXXII cycle, Academic Year 2016/2017.

The positions are funded by scholarship tied to specific topics. The number of position is indicated in Art. 16, for each Programme; additional positions may become available, even in the event that funding is provided by public or private bodies subsequent to the publication of this call for applications, but not after the publication date of the final rankings.

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

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: <http://www.unimore.it/didattica/dottorati.html>.

ARTICLE 2 - Admission requirements

The competition is open to any candidate, regardless of age or nationality, who as of **October 31, 2016**, 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 (degree certificate with exams, or description of the degree with a list of exams passed, by using Annex A2) to the Postgraduate Office (Via Università, 4, 41121 – Modena), attaching the documents to the application for admission using the online procedure described in Art. 3.

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

- in case of degree completed before enrolment: by enclosing the form with the enrolment application form,

- in case of degree not yet completed when enrolling in the PhD Programme: by submitting the form to the Postgraduate Office (Via Università, 4, 41121 – Modena), by and no later than, October 31, 2016, using one of the following methods: HAND DELIVERY during office hours (Monday and Wednesday from 1:30 to 3:30 p.m.; Tuesday and Thursday from 10:00 a.m. to 1:00 p.m.), or REGISTERED MAIL, or COURIER (the University Administration will recognise the date of receipt of the parcel and not the

sending date) or FAX to +39 059/2056574 or E-MAIL to the address segr.postlaurea@unimore.it.

Italian nationals and foreigners holding a foreign academic qualification must submit their degree certificate with a list of exams taken, along with an Italian translation, an authentication, and a “declaration of validity” (“dichiarazione di valore in loco”) issued by the competent Italian consular or diplomatic representative for the country, in accordance with current admission regulations concerning foreign students, to the Postgraduate Office, by and no later than, December 31, 2016, using one of the methods described above. Further information is available at www.istruzione.it - “University” – “Foreign students”. The University reserves the right to exclude from the competition any candidate who has not submitted the required documents by the deadline cited above without a justified reason.

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

Admission of candidates to the competition is conditional upon verification of the aforementioned requirements.

ARTICLE 3 – Admission applications

Applications for admission to competitions and any required enclosures must be submitted following the online procedure by the final deadline of **August 9, 2016, at 1:00 p.m.** (local time), when the competition closes. Candidates failing to comply will not be considered.

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

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

In the case of the PhD Programme that has two distinct themes, the candidate, if interested in both issues, will have to submit the application form for each of the two selections provided

They will not be taken into account requests made on the occasion of other selection procedures for admission to doctoral programs banned by this University.

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 <http://www.esse3.unimore.it/Home.do> (new users must register by selecting “Registration”; those who have already registered should select “Login” and proceed with the following steps: insert username and password, and then, in the Student area, select “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 its thematic and will require a payment of € 25.00, not refundable, to cover administrative costs. Therefore, candidates wishing to apply to more than one selection procedure must submit a separate application and the € 25.00 fee for each selection procedure.

Payment must be made using one of the following methods:

- 1) on line by credit card;
- 2) at any bank throughout Italy (including automatic teller machines, via telephone banking or Internet banking for those banks providing such services), using the special payment slip in MAV (*mediante avviso*) bank format printed out at the end of the admission application procedure.

The payment of € 25.00 must be made before August 9, 2016.

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 “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 will only be able to send this information on an optical disk (CD-ROM or DVD), along with the signed application for admission and a photocopy of a valid identity document, before the final deadline of the competition (August 9, 2016, at 1:00 p.m.), to the Postgraduate Office (Via Università, 4, 41121 – Modena). One of the following methods may be used: HAND DELIVERY during office hours Monday from 1:30 to 3:30 p.m.; Tuesday and Thursday from 10:00 a.m. to 1:00 pm or REGISTERED MAIL, or COURIER (the University Administration will recognise the date of receipt and not the date of sending). In the case where attachments on optical disk are not received before the deadline, and in the manner indicated, only the documents included online will be evaluated.

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 referred to in item 2) of this Article.

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

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

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

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

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

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

- a) name and surname;
- b) place and date of birth;
- c) residential address, telephone/cell number and email delivery elected for the purposes of this competition,
- d) tax identification number ("codice fiscale"- if candidates have one. Candidates who do not have a tax identification number need only to confirm the one that will automatically be assigned to them by the system);
- e) citizenship;
- f) possession of an Italian old ordinance degree or second level degree (laurea specialistica or laurea magistrale), or an equivalent academic qualification issued by a foreign University;
- g) the exact title of the PhD Programme chosen by the candidate;
- h) knowledge of a second foreign language (either French, German or Spanish), in addition to English;
- i) curriculum vitae;
- j) academic qualifications and any other documents;
- k) publications;
- l) in the case of candidates with special needs, any accommodations required for taking the examinations, in accordance with Law no. 104 of February 5, 1992;

By submitting the application, the candidate agrees:

- 1) to attend the PhD programme on a full-time basis, in accordance with the conditions established by the Teaching Committee;
- 2) to notify the University immediately of any changes in residence or address;
- 3) in the case of Italian nationals or foreign citizens holding a foreign degree, to send the degree certificate, with a list of exams taken, along with an Italian translation, an authentication and "declaration of validity" issued by a competent Italian diplomatic-consular representative for the country, in accordance with the regulations governing the admission of foreign students to Italian university degree courses, by the final deadline of December 31, 2016;
- 4) in the case of candidates who complete their degree after the deadline for this call, but before October 31, 2016, 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 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. 16, 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 indicating exams taken, or a 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 recommendation (in accordance with the form in Annex B of this call);
- 7) academic publications with corresponding list;

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

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

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

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

Printed documents and those on optical disks (CD-ROM or DVD), sent in accordance with articles 2 and 3, can be picked up at the Postgraduate Office from June 5 to July 31, 2017.

Printed documents, CD-ROMs and DVDs will not be available for pick up after the abovementioned deadline.

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.

ARTICLE 5 – Admission procedures

The selection procedure and schedule of examinations, where applicable, are indicated in art.16, in the sections relating to each PhD Programme.

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

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

Candidates resident abroad may sit the interview using audio and video web conferencing methods (Skype), if such method is permitted in the section of each Programme. In this case, candidates must enclose Annex E with their online application.

During interviews held via Skype, at the start of the interview candidates must exhibit the ID document annexed to the Esse3 computerised procedure. Candidates must be connected to Skype at the time indicated in the sections specified for each PhD Programme.

The interview held via Skype will not be possible in the event of: failure to submit Annex E, non-notification of the candidate's personal Skype address, lack of internet connection, the absence of the candidate on the day and time set for the interview or the impossibility to exhibit a valid identity document. In the above cases, candidates holding a valid ID document shall be present on the day and at the time set for the "live" interview, if this has not already been held, in order to sit the oral examination; no dates other than those indicated in the sections of each PhD Programme are available. The University of Modena and Reggio Emilia declines all liability for any technical impediments to holding the interview via Skype.

In the case of assessment based on qualifications only, the Board may contact the candidates via audio and video web conference, (Skype) for an interview to discuss the materials submitted; in this case, candidates must include their Skype address in their curriculum. This interview will not lead to any additional score. Even in that case the candidate must exhibit the ID document annexed to the Esse3 computerised procedure.

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 <http://www.unimore.it>, under: ("Academic programmes"/"Doctorate Programmes"), within the designated section for each PhD Programme.

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

Candidates may not enrol in a PhD Programme if they are already enrolled in another PhD Programme, Degree or Diploma Programme, Specialisation Programme

(medical area excepted), Tirocinio Formativo Attivo (Teachers' Training Programmes) or Level I and II Master's Programme of the University of Modena and Reggio Emilia, or any other University.

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

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

ARTICLE 7 – Enrolment

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

- by internet:

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

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

- a) digital passport photo (in JPEG or BITMAP format);
- b) scanned copy an identity document, duly signed;
- c) scanned copy of the tax identification card;
- d) scanned copy of the receipt for the payment of € 25.00 required for participation in the competition, in accordance with art. 3;
- e) self-certification to prove the possession of a university degree (using the form in Annex A1 for Italian degrees or the form in Annex A2 for foreign degrees), in case of degree already awarded;
- f) in case of applicants with scholarship, Annex G "Declaration accompanying application for enrolment on a PhD Programme" - part 1 and part 2;
- g) (in case of 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 make their first tuition payment indicated in art.10 by the aforementioned deadline date (i.e. within ten days of the publication of the rankings). Failure to comply within this deadline will result in exclusion from the PhD program.

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

- at any bank throughout Italy (including automatic teller machines, via telephone banking or Internet banking for those banks providing such services), using the special payment slip in MAV (*mediante avviso*) bank format printed out by selecting “Stampa Domanda di Immatricolazione” (“Print Enrolment Application”);
- on line by credit card by selecting “Tasse” (“Taxes”).

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

Candidates gaining their academic qualification after the date of enrolment must submit Annex 1 (if the qualification is conferred in Italy) or Annex 2 (if the qualification is conferred abroad) to the Postgraduate Office (Via Università n.4, 41121-Modena) no later than October 31, 2016, using one of the following methods: HAND DELIVERY during office hours (Monday and Wednesday from 1:30 to 3:30 p.m.; Tuesday and Thursday from 10:00 a.m. to 1:00 p.m.), or REGISTERED MAIL, or COURIER (the University Administration will recognise the date of receipt of the parcel and not the sending date) or FAX to +39 059/2056574 or E-MAIL to the address segr.postlaurea@unimore.it.

Italian nationals and foreigners holding a foreign academic qualification must present their degree certificates with a list of exams taken, along with an Italian translation, and a “declaration of validity” (“dichiarazione di valore in loco”) provided by the Italian Consulate or diplomatic representative for the country concerned, to the Postgraduate Office no later than December 31, 2016, using one of the following methods: HAND DELIVERY during office hours (Monday and Wednesday from 1:30 to 3:30 p.m.; Tuesday and Thursday from 10:00 a.m. to 1:00 p.m.), or REGISTERED MAIL, or COURIER (the University Administration will recognise the date of receipt of the parcel and not the sending date) or FAX to +39 059/2056574 or E-MAIL to the address segr.postlaurea@unimore.it.

As soon as the registration procedure has been completed, all Phd students must register with the I.N.P.S. Separate Management Fund (“Gestione Separata”) and forward a self-certification to prove registration (using ANNEX F “Self-certification of subscription to Gestione Separata Inps”) to the Salaries Office (“Ufficio Contabilità”) by November 15, 2016, by fax to +39 059/2057109 or by sending a scanned copy to via e-mail ufficiostipendi@unimore.it. If PhD students are already registered with the I.N.P.S. (Italian Social Security Institute) Separate Management Fund as a result of previous collaboration with other institutions, they merely need to forward the self-certification confirming the registration with the I.N.P.S. (by fax as indicated above).

Foreign citizens who do not yet have a tax identification number must apply to the “Agenzia delle entrate” (Italian Revenue Agency) upon arriving in Italy and must forward a copy of the card issued by the Agency before November 15, 2016, to the Postgraduate Office, by fax at +39 059/2056574 or by sending a scanned copy via mail to segr.postlaurea@unimore.it.

For information and assistance concerning the Tax ID code, housing, residence permit, registration with the I.N.P.S. Separate Management Fund (“Gestione

Separata”), foreign nationals may submit a request to the International Welcome Desk Office, at: internationalwelcomedesk@unimore.it .

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

Candidates issuing false statements will be withdrawn.

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 instalment.

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

ARTICLE 8 – Reassignment of Places.

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

The procedure will be considered complete within 90 days from the day the list of admitted candidates for the academic year 2016/2017 is posted on the University Web site, under art. 6.

ARTICLE 9 - Scholarships

The number of study scholarships assigned is indicated in art. 16 and these scholarships will be awarded according to the positioning of candidates on the final merit list.

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

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

The annual amount of a study scholarship is € 13,638.48 (barring subsequent regulatory amendments) and is subject to the I.N.P.S. social security contribution under the separate management fund.

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

Study scholarships will be paid in monthly deferred instalments.

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

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

ARTICLE 10 - Fees for PhD Programmes

Fees for scholarship recipients are structured in a single instalment; these fees for the first year are payable at the time of enrolment. The amount of the payment slip downloadable on line will be: € 156.00 (it includes both the regional fee of € 140.00 and the revenue stamp of € 16.00).

Fees for PhD Programmes, payable by non-scholarship recipients, are indicated at the link: <http://www.unimore.it/ammissione/tasse.html> .

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

ARTICLE 11 - Rights and Responsibilities of PhD Students

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

The other responsibilities and rights of doctoral students, including incompatibility, exemption from the obligation to attend, and the conditions of exclusion, as well as the procedure for awarding the PhD, are regulated by the provisions in art. 15 of this competition.

ARTICLE 12 – Public employees

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

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

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

ARTICLE 13 – Awarding of the PhD

The PhD is awarded upon completion of the PhD Programme, when students pass their final examination that consists in the presentation of a PhD Thesis on an original

research, carried out meticulously and where results are adequately and scientifically relevant. Should the assessment be negative, the final examination cannot be repeated.

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

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

Upon completion of the PhD programme, graduates will be invited to fill out a "Questionnaire on the opinions of programme attendees" for the Alma Laurea database. This will enable the Alma Laurea Inter-University Consortium to monitor the training of doctoral students.

ARTICLE 14 – Handling of personal data

The University Administration, in accordance with Legislative Decree 196/2003, will use the applicant's personal data solely for the fulfilment of the selection procedures and for administrative purposes.

In accordance with the principles in Legislative Decree 196/2003, by participating in the competition, the candidate authorizes the University of Modena and Reggio Emilia to publish his/her personal data as well as information relating to the admissions examinations on the University website.

ARTICLE 15 – Additional Regulations

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

The Director responsible for overseeing all procedures is the Director of the Postgraduate Office (Dott.ssa Stefania Ianni - Via Università, 4 – Modena - phone +39 059/2056424 - e-mail: segr.postlaurea@unimore.it).

For further information, candidates may contact the Postgraduate Office - Via Università 4, 41121 Modena - phone +39 059/2056423 – fax +39 059/2056574 - e-mail: segr.postlaurea@unimore.it .

ARTICLE 16 – List of Doctorate Research Courses

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

Places with scholarship: 1

The scholarship is referred to the topic “**Development of inhibitors of protein-protein interactions to overcome drug resistance of sarcomas and carcinomas**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

Admission requirements: Italian second level degree (“laurea magistrale”, under D.M. 207/04) in one of the following disciplines: LM-54 Chemical sciences and LM-13 Pharmacy and industrial pharmacy (or equivalent: Italian second level degree (“laurea specialistica”, under D.M. 509/99) in one of the following disciplines: 62/S Chemical sciences and 14/S Pharmacy and industrial pharmacy; Italian degrees in Chemistry, Pharmacy, Chemistry and Pharmaceutical Technology obtained prior to D.M. 509/99); or equivalent qualification obtained abroad, in accordance with the provisions in art. 2 of this application procedure.

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

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

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) Curriculum vitae of the scientific and teaching activities written in Italian or English indicating university qualifications held;
- 3) A summary of the final thesis in Italian or English, or equivalent, in a minimum of three and maximum of six pages organised under the following headings: subject of the thesis, research methodology, results obtained and their relevance for the study of mechanisms, diagnosis and therapy of human diseases;
- 4) A brief statement of no more than two pages written in English, outlining the motivation for attending the PhD Programme and a description of his/her areas of specific research interest (Statement of Research Interest);
- 5) Any certification attesting the knowledge of the English language (TOEFL, Proficiency or other);
- 6) Any GRE (Graduate Record Examination) certificates;
- 7) At least two letters of presentation written by professors of the institutions in which the candidate has been training/working;
- 8) Scientific activity or certified courses abroad;
- 9) Fellowships and stipends for research or higher education;
- 10) Names, affiliation and email addresses of one or more referees.

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

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

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

Further information is available on the PhD Programme website at:

<http://www.cem-phdschool.unimore.it/> The search area is included in the curriculum "Medicinal and pharmaceutical sciences - Pharmaceutical Sciences; this curriculum is

based on the design, synthesis and development of products and devices to aid in achieving or maintaining the health needs of the functional integration of specialized skills in testing and application of innovative technological solutions in the field of synthetic molecules, natural products and biomolecules to ensuring the satisfaction of the needs from different therapeutic areas.

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

Places with scholarship: 2

The scholarships are referred to the topics “**Big Data Integration**” and “**Development of innovative sensors for liquid and gas sensing**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

There are two different selection procedures for this PhD Programme related to the two issues. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedures are intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topics.

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

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) curriculum vitae of research and teaching activities, written in Italian or English, indicating university degree qualifications obtained;
- 3) a summary of the master thesis, or equivalent, in Italian or English – minimum of three and maximum of six pages – organised under the following headings: motivations, research methodology used, results obtained;
- 4) a brief statement of no more than two pages written in English, outlining the candidate’s motivation for attending the PhD Programme and a description of his/her research interests (Statement of Research Interest).
- 5) any certification attesting the knowledge of the English language (TOEFL, Proficiency or other);
- 6) any GRE (Graduate Record Examination) certificates.
- 7) any recommendation letters (between one and three) written by experts in the fields of research of the ICT Doctorate, indicating the public or private institution/organization he/she is affiliated with.

1) Selection for topic: “Big Data Integration”: 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 40 points,
- Exams taken and grades achieved: from 0 to 10 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 5 points.

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

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

2) Selection for topic: “Development of innovative sensors for liquid and gas sensing”: 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 40 points,
- Exams taken and grades achieved: from 0 to 5 points,
- Publications: from 0 to 5 points,
- Other qualifications: from 0 to 10 points.

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

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

Further information is available on the PhD Programme website at:

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

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

Places with scholarship: 1

The scholarship is referred to the topic “**WP2 – Powertrain system. New methodologies for the design of high efficiency electric drives for hybrid vehicles**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

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

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) curriculum vitae of research and teaching activities, written in Italian or English, indicating university degree qualifications obtained;
- 3) a summary of the master thesis, or equivalent, in Italian or English – minimum of three and maximum of six pages – organised under the following headings: motivations, research methodology used, results obtained;
- 4) a brief statement of no more than two pages written in English, outlining the candidate's motivation for attending the PhD Programme and a description of his/her specific areas of research interest (Statement of Research Interest).
- 5) any certification attesting the knowledge of the English language (TOEFL, Proficiency or other);
- 6) any GRE (Graduate Record Examination) certificates.
- 7) any 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.

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

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

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

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

Summary of the research project

The research activity starts with the analysis of all the solutions proposed in scientific literature and by manufacturers for that concerning electric propulsion of hybrid and full electric vehicles. This first activity ends with the identification of the critical aspects of all the components of the powertrain and their combination use (electric machine, bidirectional power converter, battery pack, etc..).

New methodologies for the design and control of the electric drives will be based on non-conventional electric machines characterized by magnetic anisotropy. The increase of the efficiency conversion of the powertrain for a very large speed range and in all the operating conditions represents the main figure of merit to maximize.

Further information is available on the PhD Programme website at:

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

4) PhD Programme “Enzo Ferrari” in INDUSTRIAL AND ENVIRONMENTAL ENGINEERING”

Places with scholarship: 1

The scholarship is referred to the topic **“Energy efficiency in buildings and industry”** funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

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

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

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

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

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

Further information is available on the PhD Programme website at:

<http://www.phd-enzoferrari.unimore.it/site/home/research.html>

5) PhD Programme in “LABOUR, DEVELOPMENT AND INNOVATION”

Places with scholarship: 1

The scholarship is referred to the topic “**E-commerce: new business models in an omnichannel perspective**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

Selection procedure: based on academic and research record and interview

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

For the purposes of assessment, candidates are required to submit an application together with a research project outline, in Italian or English, relating to the given topic. Applications should be supported by at least one academic reference, or by business or labour market experts.

Candidates are required to have a knowledge of English.

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

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

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved;
- 2) CV based on the form in attachment C herewith, available on the website of the Marco Biagi Foundation <http://www.fmb.unimore.it/on-line/en/home/training/doctoral-research-school/admission-procedures.html>;
- 3) copy of the research project outline, written in Italian or English. This outline should be no more than 15,000 typed characters, including blank spaces, written in accordance with the form in attachment D herewith, available on the Marco Biagi Foundation website <http://www.fmb.unimore.it/on-line/en/home/training/doctoral-research-school/admission-procedures.html>;
- 4) reference signed by one academic or researcher or expert in the field of labour law, or other professional in the field of labour relations, based on the form in attachment B herewith, available on the Marco Biagi Foundation website <http://www.fmb.unimore.it/on-line/en/home/training/doctoral-research-school/admission-procedures.html>;
- 5) any academic publications along with a list of these publications.

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

- Degree final mark, if already achieved, and grades reported in exams: from 0 to 15 points
- Publications: from 0 to 5 points,
- Research project: from 0 to 25 points,
- Postgraduate and/or professional teaching and training in the research field, as included in the CV: from 0 to 10 points,
- Foreign language skills in the CV: from 0 to 5 points.

Candidates awarded at least 40/60 in the assessment of academic and research record will be admitted to the interview.

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

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

The list of candidates admitted to the interview and any variations in the methods and terms of the selection procedure will be announced publicly in a date between the September 6 and 7, 2016 on the University website at link:

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

Candidates may opt to have their interview in English.

Further information is available on the PhD Programme website at:

<http://www.fmb.unimore.it/on-line/en/home/training/doctoral-research-school.html>.

EXAM SCHEDULE

Interview in the presence: September 13, 2016, from 9:30 am to 1:00 pm Interviews could continue on September 14, 2016 from 9:30 am to 1:00 pm, should there be a high number of candidates,

The examination will take place in Room 25 of the Marco Biagi Foundation, Largo Marco Biagi 10, Modena

Interview via Skype (for candidates resident abroad): September 13, 2016, from 2:30 pm Interviews could continue on September 14, 2016 from 2:30 pm, should there be a high number of candidates. Candidates residing abroad must have completed and attached during the online process Annex E.

The examination will take place in Room 25 of the Marco Biagi Foundation, Largo Marco Biagi 10, Modena

6) PhD Programme in “NEUROSCIENCES” in cooperation with the University of Parma

Places with scholarship: 2

The scholarship are referred to the topics **“Development and test in animal models of Organic Electronic Devices for the bidirectional communication with cortical networks** and **“Unsupervised and retrospective identification of recurrent neural pattern in electrophysiological recordings and their correlation with perceptual, motor and cognitive tasks”** funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

There are two different selection procedures for this PhD Programme related to the two issues. Candidates interested to more than one selection procedures must submit the application form and a fee of € 25.00 for each selection procedure.

The selection procedures are intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topics

1) Selection for topic: “Development and test in animal models of Organic Electronic Devices for the bidirectional communication with cortical networks”: based on academic and research record and interview

The exam will be composed of an evaluation of qualification (50 points) and an interview (30 points).

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

Evaluation of qualification (50 points):

- 1) document certifying the list of exams and the scores obtained, up to a maximum of 10 points;
- 2) master degree thesis, pertaining to the subject of the PhD course, up to a maximum of 10 points;
- 3) publications relevant to the subject of the PhD course, up to a maximum of 10 points;
- 4) summary of the research project (3 pages) relating to the subject of the PhD course, up to a maximum of 10 points;
- 5) pre- or post-graduate laboratory experience with acquisition of techniques and expertise relating to the subject of the PhD course, up to a maximum of 10 points.

Interview (30 points):

The interview will concern on one of the following subjects:

- 1) Techniques for the histological analysis of physiological and pathological cortical networks;
- 2) Techniques for the biochemical analysis of physiological and pathological cortical networks;
- 3) Techniques for the electrophysiological analysis of physiological and pathological cortical networks;
- 4) Techniques for the behavioral analysis of physiological and pathological cortical networks;
- 5) In vivo animal models of cortical network pathology;
- 6) The host tissue and immune reaction in the central nervous system;
- 7) Organic Electronic Devices for the communication with cortical networks: sensing;
- 8) Organic Electronic Devices for the communication with cortical networks: stimulation.

It will also check the verification of the English language and any foreign language optional declared by the applicant at the time of submitting the application.

There is not a minimum score for admission of the doctoral candidates.

2) Selection for topic: “Unsupervised and retrospective identification of recurrent neural pattern in electrophysiological recordings and their correlation with perceptual, motor and cognitive tasks”: based on academic and research record and interview

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

The exam will be composed of an evaluation of qualification (50 points) and an interview (30 points).

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

Evaluation of qualification (50 points):

- 1) document certifying the list of exams and the scores obtained, up to a maximum of 10 points;

- 2) master degree thesis, pertaining to the subject of the PhD course, up to a maximum of 10 points;
- 3) publications relevant to the subject of the PhD course, up to a maximum of 10 points;
- 4) summary of the research project (3 pages) relating to the subject of the PhD course, up to a maximum of 10 points;
- 5) pre- or post-graduate laboratory experience with acquisition of techniques and expertise relating to the subject of the PhD course, up to a maximum of 10 points.

Interview (30 points):

The interview will concern on one of the following subjects:

- 1) Electrophysiological recording techniques for the study of physiological and pathological cortical networks.
- 2) Data analysis techniques for the study of the dynamics of the cortical network
- 3) Techniques for the estimation of connectivity and causality within cortical networks
- 4) Techniques for supervised and unsupervised machine learning.

It will also check the verification of the English language and any foreign language optional declared by the applicant at the time of submitting the application.

There is not a minimum score for admission of the doctoral candidates.

Further information is available on the PhD Programme website at:

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

EXAM SCHEDULE

Interview: September 13, 2016, 4:00 pm Interviews could continue on September 15, 2016 at 2:00 pm, should there be a high number of candidates.

The examination will take place in Room H.1.1 Department of Biomedical, Metabolic and Neural Sciences (building MO15), via Campi 287, Modena.

7) PhD Programme in “HUMAN SCIENCES” (Main centre: Reggio Emilia)

Places with scholarship: 1

The scholarship is referred to the topic “**Interactive storytelling for smart museums and virtual learning environments**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

Selection procedure: based on academic and research record

The selection procedure is intended to establish the candidate’s preparation and aptitude for carrying out research activities with respect to the given topic.

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

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

- 2) curriculum vitae of one's research and teaching activities written in Italian or English indicating university degree qualifications obtained;
- 3) a copy of the degree dissertation in electronic form, degree obtained prior to D.M. 509/99 or second level degree ("laurea specialistica/magistrale") or equivalent degree (if obtained abroad), or an abstract of the degree dissertation;
- 4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest).
- 5) any certification attesting to knowledge of the English language (TOEFL, CAE/Proficiency or other) or other languages, indicating the level achieved by the candidate.

Along with the application, all candidates are to present a research project, in Italian or English, on the given topic of the PhD Programme. The project will be a description – between four and ten pages in length – with: aim of the research, literature review, materials and methods, results, references. The project will not be binding for the Teaching Committee in terms of the possible attribution of a thesis title.

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

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

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.

Further information is available on the PhD Programme website at:

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

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

Places with scholarship: 1

The scholarship is referred to the topic “**Valorization of enological production chian effluents**” funded by the Emilia Romagna Region in implementation of the Three Year Plan High Skills for research, technology transfer and entrepreneurship.

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

Selection Procedure: based on academic and research record

The selection procedure is intended to establish the candidate's preparation and aptitude for carrying out research activities with respect to the given topic.

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

- 1) self-certification to prove that the degree has been conferred (if awarded by an Italian university), or Degree certificate (if awarded by a foreign university), with a list of exams taken and grades achieved.
- 2) curriculum vitae of research and teaching activities, indicating clearly and concisely what candidate has studied, skills acquired (languages, knowledge of computers, use of complex instrumentation, etc.) including any official certifications he/she may have. The document may be written in Italian or English and must include the exact name and nature of degrees possessed, publications, if applicable, and contributions to conferences /congresses;
- 3) a summary of final thesis in Italian or English, or equivalent – minimum of three and maximum of six pages – organised under the following headings: statement of purpose, research methodology used, results obtained;
- 4) a short essay written in English – no longer than two pages – which illustrates the reasons why the candidate wishes to attend the PhD Programme and describes his/her specific research interests (Statement of Research Interest) in relation on the given topic of the PhD Programme.
- 5) any recommendation letters written by experts in the field of research of the PhD Programme, indicating the public or private institution the expert is affiliated with.

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 10 points,
- Publications: from 0 to 10 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.

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

Modena, 13/07/2016

THE RECTOR
(Prof. Angelo Oreste Andrisano)

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

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

WARNING

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

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

DEGREE DESCRIPTION

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

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

Family name _____

Given name _____

Place of birth _____

Date of birth (dd/mm/yyyy) _____

Citizenship _____

E-mail for correspondence _____

DECLARES TO HOLD THE FOLLOWING DEGREE CERTIFICATE

(Tick only one of the three options)

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

Degree class of _____

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

Degree class of _____

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

Degree awarded by the University of _____

on the (dd/mm/yyyy) _____

Final mark _____

AND DECLARES

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

Date and place

Signature (legible and in full)

Annex A2 (for candidates holding foreign degrees only)

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

WARNING

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

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

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

INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

Family name _____
 Given name _____
 Place of birth _____
 Date of birth (dd/mm/yyyy) _____
 Citizenship _____
 E-mail for correspondence _____

INFORMATION IDENTIFYING THE QUALIFICATION

Level of Qualification (Degree, Master of Science or other) _____
 Qualification in _____
 Qualification awarded at the University of _____
 Qualification awarded on (dd/mm/yyyy) _____
 Final degree mark /grade _____
 Main Field(s) of Study for the Qualification _____
 Language(s) of Instruction/Examination _____
 Official Length of Programme (years) _____
 Access Requirement(s) to Programme _____

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

DATE	EXAMINATION	GRADE	MARK	CREDITS
------	-------------	-------	------	---------

				OBTAINED

Useful additional information about examinations and results _____

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

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

- Yes No

ADDITIONAL DECLARATION

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

Date and place

Signature (legible and in full)

Annex B

FACSIMILE OF LETTER OF PRESENTATION

I certify that Mr/Ms [name and surname] has carried out the following tasks under my supervision:
(briefly describe the activities carried out by the applicant, indicating personal qualities, study skills and /or professional ability)

[Place and Date]

Signature (legible and in full)

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

CURRICULUM VITAE

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

PERSONAL DATA

Name and surname

Date of birth

Nationality

Address

Telephone number and e-mail

EDUCATION

Period

Institution

Country where the qualification was awarded

Qualification awarded

Final mark

WORK EXPERIENCE

Period

Type of employment

Sector

Employment grade and duties

PARTICIPATION IN RESEARCH PROJECTS

Period

Title of the project

Disciplinary area

Tasks performed as part of the project

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

LANGUAGE.....

A1 (BEGINNER)

A2 (ELEMENTARY)

B1 (PRE INTERMEDIATE)
B2 (POST INTERMEDIATE)
C1 (ADVANCED)
C2 (PROFICIENCY)

COMPUTER SKILLS

LIST OF PUBLICATIONS (WHERE APPLICABLE)

Date and place

Signature

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

RESEARCH PROJECT

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

Name and surname

Title of the project

Curriculum (not binding choice; please mark the preferred option)
Labour
Development and Innovation

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

Background and goals (please explain the theoretical framework, the investigated problems and the goals of the project)
(Maximum 10.000 characters):

Methodology and intermediate stages of the research
(Maximum 5.000 characters):

Essential bibliography
(*Minimum 10 publications*):

Date and place

Signature

Annex E (ONLY FOR CANDIDATE RESIDENT ABROAD: Application form for an interview using audio and video web conferencing method (Skype), if the interview via Skype is permitted in the section of the PhD Programme)

**FORM TO APPLY FOR AN INTERVIEW USING AUDIO AND VIDEO WEB
CONFERENCING METHOD (SKYPE)**

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 BE RESIDENT ABROAD, IN:

Country:

Town:

Address:

AND TO APPLY FOR

admission for the oral examination for admission to the PhD programme in with an interview via Skype.

For this purpose, the Skype address for connection is:

.....

DECLARES

That I acknowledge the regulations laid down in the call for admissions, particularly those indicated in art. 5 "Admission methods", and in the above-indicated PhD Programme sheet.

Date and place

Signature (legible and in full)

ANNEX F

Form "Self-certification of subscription to Gestione Separata Inps"

To

Payroll Office – Finance Directorate

Università degli Studi di Modena e Reggio Emilia

Via Università, 4

41121 Modena

Fax: +39 (0)59 2057109

E-mail: ufficiostipendi@unimore.it

Autocertificazione di iscrizione alla Gestione Separata Inps
(resa ai sensi del D.P.R. 28 dicembre 2000, n.445 e s.m.i.)

Il sottoscritto, nato a, il e residente a, in via

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) |
| <input type="checkbox"/> Tutorato L.170/230 | |

DICHIARA:

di essere iscritto alla data odierna, ed in seguito a conferma dell'Inps, alla Gestione Separata Inps:

- "ALTRA CASSA - aliquota MINIMA"¹ in quanto iscritto presso la seguente cassa pensionistica:
- "ALTRA CASSA - aliquota MINIMA"¹ in quanto titolare di pensione diretta
- "CASSA UNICA - aliquota MASSIMA"² in quanto non iscritto presso alcuna cassa pensionistica obbligatoria

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 autografa (per esteso e leggibile)

.....

Si allega alla presente fotocopia del documento di identità del sottoscrittore

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

**DECLARATION TO BE ATTACHED FOR PhD STUDENTS HOLDING SCHOLARSHIPS
IN THE PROCEDURE FOR APPLICATION FOR ENROLMENT
ON A PhD PROGRAMME
A. Y. 2016/2017, XXXII cycle**

To be completed only by holders of scholarships

I, the undersigned Surname _____ First name _____

¹ Per l'anno 2013: 20,00%; per l'anno 2014: 21,00%; per l'anno 2015: 22,00%; dall'anno 2016: 24,00%.

² Per l'anno 2013: 27,72%; per l'anno 2014: 28,72%; per l'anno 2015: 30,72%; per l'anno 2016: 31,72%; per l'anno 2017: 32,72%; dall'anno 2018: 33,72%.

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, XXXII cycle – A.Y. 2016/2017, 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 Legislative Decree No.196/2003 and to be aware that the databank is the property of the University of Modena and Reggio Emilia.

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

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

Date _____

Signature

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

DECLARATION ACCOMPANYING APPLICATION FOR ENROLMENT ON A PhD PROGRAMME A.Y. 2016/2017, XXXII

To be completed only by holders of scholarships

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

Surname _____ First name _____

Tax code _____ Acquired surname _____

Born in _____ province of _____ on the _____

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

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

MOBILE PHONE _____ E-mail _____

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

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

REQUEST that the sum relating to the study grant

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

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

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

If in any doubt, please contact your own bank.

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

DECLARE, further to the “gestione separata Inps” (the Italian Social Security Institute “separate management” pension fund), to establish the applicable rate under art.26 para. 26 of Law 35/95, (tick the appropriate box)

not to belong to another compulsory pension fund;

to belong to another compulsory pension fund (indicate the name of the Fund) _____

to belong to another compulsory pension fund, for the sole period from ____/____/____ to ____/____/____

(indicate hereafter the name of the Fund) _____

I, the undersigned undertake to register promptly with the “INPS gestione separata” (by internet through the website at www.inps.it – section “ Servizi Online – Accedi ai servizi - Servizi per il cittadino - Maternità e congedo parentale lavoratori dipendenti, autonomi, gestione separata - Autenticazione con PIN ”, or through the INPS Contact Centre at www.inps.it) and to deliver or send via fax to number 059/2057109 or via e-mail a ufficiostipendi@unimore.it the affidavit to prove the registration (using the form “Autocertificazione di iscrizione alla Gestione Separata Inps”) to the Ufficio Contabilità e Stipendi of the Università di Modena e Reggio Emilia, Via Università n. 4, Modena, by November 15, 2016 (if the graduate is already subscribed to the “INPS gestione separata” as a result of previous collaborations with other clients, it is only necessary to provide the affidavit confirming the registration with the INPS).

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

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

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

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

Date _____ (Signature) _____