



# UNIVERSITA' DEGLI STUDI DI PARMA

Register XXI S      No. 1534

## THE RECTOR

Having regard to Italian Act No. 476 of 13 August 1998;

having regard to Italian Act No. 398 of 30 November, and specifically to its Article 6;

having regard to Italian Act No. 210 of 3 July 1998, and specifically to its Article. 4;

having regard to Italian Act No. 240 of 30 December 2010;

having regard to Italian Ministerial Decree No. 45 of 8 February 2013 " Regulation governing the accreditation of centres and doctoral program s, as well as the standards for the setting-up of doctorate programs by accredited entities";

having regard to the Regulation of Research Doctorate Programs issued with Rector Decree No. 2275 issued on 27 June 2013 as amended;

having regard to the Memorandum of Understanding signed between the Region of Emilia Romagna and the University of Parma, referred to in Rector Decree 2045 of 19<sup>th</sup> June 2012, aimed at the definition of educational profiles within the context of higher education for the achievement of the research doctorate qualification within the scope of the apprenticeship contracts of higher education and research;

having regard to Rector Decree No.1533 of 29<sup>th</sup> July 2014 of the institution and activation of the XXX cycle of the courses of research doctorate;

## DECREES

### ARTICLE 1 - INSTITUTION

Public competitions are held at the University of Parma, for qualifications and exams, for admission to the XXX cycle – academic year 2014/2015 of the courses of research doctorate listed below:

1. EVOLUTIONARY BIOLOGY AND ECOLOGY (program subject to an arrangement with the University of Ferrara)
2. BIOTECHNOLOGIES AND LIFE SCIENCE
3. PHYSICS
4. CIVIL ENGINEERING AND ARCHITECTURE
5. INDUSTRIAL ENGINEERING
6. MOLECULAR MEDICINE
7. NEUROSCIENCE (program subject to an arrangement with the University of Modena and Reggio Emilia)
8. PSYCHOLOGY
9. MATERIALS SCIENCE AND TECHNOLOGY ( program subject to an arrangement with C.N.R. - The Italian National Research Council)
10. CHEMICAL SCIENCES
11. SURGICAL SCIENCES AND APPLIED MICROBIOLOGY
12. FOOD SCIENCE



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13. DRUGS, BIOMOLECULES AND HEALTH PRODUCTS
14. EARTH SCIENCES
15. PHILOLOGICAL-LITERARY, HISTORICAL-PHILOSOPHICAL AND ARTISTIC STUDIES
16. MEDICAL SCIENCES
17. VETERINARY MEDICAL SCIENCES
18. INFORMATION TECHNOLOGY

The Research Doctorate programs have a three-year duration starting from 1 November 2014.

For each of the programs dealt with in this Article, research topics, vacancies, admission requirements, procedures and criteria for the selection and assessment of candidates to prepare the relevant lists are set forth in the forms attached hereto, which shall be an integral part of this announcement.

Available positions shall be assigned based on the score lists as per Article 9 of this public Announcement.

## ARTICLE 2 - ADMISSION REQUIREMENTS

Irrespective of their age and citizenship, all candidates may apply to participate in the competitive examination for admission granted that they hold one of the following:

- "*laurea specialistica*" or "*laurea magistrale*" [Italian academic degree equivalent to a Master's Degree] or "*laurea*" attained pursuant to the university degree system applicable before Italian Ministerial Decree No. 509 of 3 November 1999, came into force, as amended with Italian Ministerial Decree No. 270 of 22 October 2004, as well as second-level degrees equivalent to the above;
- an academic degree attained abroad, granted that it is comparable in terms of duration, level and, where possible, in terms of branch of learning, to the Italian degree allows admission to the Doctorate program, and recognized as eligible for the participation in the competitive examination only, pursuant to Article 3 below.

For each Research Doctorate program, the forms attached hereto specify the type of the academic degree required to participate in the competitive examination and any other additional requirements.

Candidates that already hold a research doctoral degree may be admitted to attend, granted that the selection tests are sat and passed, another research doctorate program without any scholarship coverage.

In compliance with the terms set down in Article 5 below, **graduands** may also apply for admission, granted that they actually graduate and attain the degree required for admission **no later than 31 October 2014**, under penalty of exclusion. By the above deadline, the candidates that have been admitted as graduands shall communicate the graduation date to the "Servizio Corsi e Scuola di dottorato" [Doctoral Program and School service] via e-mail to the following address [dottorati@unipr.it](mailto:dottorati@unipr.it) or via fax to number: +390521-347042, sending also a self-certification, dated and hand-signed, with a copy of a valid document, setting forth the University that issued the relevant academic degree, the graduation date and the final mark achieved.

## ARTICLE 3 – ACADEMIC DEGREE ATTAINED ABROAD



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The eligibility of foreign academic degrees shall be verified by the Examination Board in charge of admission, in compliance with the applicable legislation in Italy and in the Country where the academic degree has been issued, as well as in compliance with any international agreements or treaties concerning the recognition of educational degrees for higher education.

The admission application that is filled in online shall entail an implicit request to assess the eligibility of the academic degree attained abroad. To this end, candidates shall attach the following documents to their application:

- a) a certificate of their academic degree listing the exams sat and passed with the relevant mark. EU citizens may use a statutory declaration in lieu of the certificate, pursuant to Italian Presidential Decree No. 445/2000 as amended;
- b) translation into English of the certificate as per item a), signed by the candidate under his/her responsibility, only where this document is not originally in English;
- c) any other documents as useful to assess the academic degree eligibility (Diploma Supplement, etc.)

In case they win the competitive examination, candidates holding an academic degree attained abroad shall be admitted conditionally and shall hand in the "dichiarazione di valore in loco del titolo posseduto" [declaration of local value of the degree held] and the certificate of such degree setting forth the exams and marks, translated and certified by the Italian diplomatic representation or consulate in the Country where the institution that issued the degree is based. The declaration of value shall certify that the held degree is valid in the Country where it was attained for admission to an academic program similar to a Research Doctorate.

If the above "dichiarazione di valore in loco" is not available at the time of matriculation, a document shall be provided giving evidence that the application for its issue has been submitted to the competent diplomatic representation and the "dichiarazione di valore" shall be turned in as soon as possible.

## ARTICLE 4 – QUALIFICATIONS

Candidates shall submit the following mandatory documentation for admission to all Research Doctorate Programs dealt with in this announcement:

- *curriculum vitae et studiorum* (preferably in the European format);
- an *abstract* of the graduation thesis (approximately 10,000 characters including spaces);
- a certificate stating the exams that were sat and passed and the relevant marks (Italian and EU citizens shall be required to submit only a statutory declaration in lieu of this certificate, pursuant to Italian Presidential Decree No. 445 of 28 December 2000, as amended by Article 15 paragraph 1 of Italian Law No. 183 of 12 November 2011);

The forms attached hereto also specify other optional documents as provided for by each Research Doctorate program .

All documentation shall be submitted in accordance with Article 5 below.

## ARTICLE 5 - APPLICATIONS FOR ADMISSION



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Candidates may register for selection **from 09:00 am (Italian time) of 4 August 2014 to the final deadline of 01:00 pm (Italian time) of 4 September 2014** exclusively with the electronic procedure, by connecting from any PC with Internet access to the University website <http://www.unipr.it/uniparmaclick>, having their identity cards or passports, Tax IDs at hand and the PC connected to a printer. In order not to be excluded, interested persons shall follow the online procedure set forth below:

- 1) Click on the banner "DOTTORATI DI RICERCA" and register for online selection;
- 2) Print the application for participation once the procedure has been completed and have it delivered **no later than 01:00 pm (Italian time) of 9 September 2014** exclusively using one of the following modes:
  - delivery to the "Servizio Protocollo e Archivio Corrente" - Via Università, 12 - Parma, Italy, having the following opening days and hours: Monday – Wednesday - Friday from 9:00am to 1:00pm; Tuesday - Thursday from 9:00am to 1:00pm and from 3:00pm to 5:00pm;
  - by sending it through the postal service or a courier to the following address: "Al Magnifico Rettore - Via Università, 12 - 43121 Parma, Italy" with the following wording on the envelope "Domanda di partecipazione al concorso di Dottorato di Ricerca" [Application for participation in the competitive examination for admission to Research Doctorate Programs];

Applications sent via e-mail o Fax shall not be accepted.

**All applications that arrive after the above deadline shall not be considered. Therefore, the date on the stamp of the sending Post Office shall not be evidence of compliance with the deadlines.**

Candidates **shall attach the form given in the Annex A to this announcement to the application for participation**, as downloaded at the completion of the registration procedure, setting forth:

- a) the exact name of the competitive examination in which they want to participate and the chosen "Tematica di Ricerca" [Research Topic] (if stated in the program );
- b) any reserved position, where provided, for which the competitive examination is sat;
- c) the list of all qualifications, documents, publications whose assessment is requested.

ALL listed qualifications, documents and publications that are deemed useful for the competitive examination procedure shall be attached and submitted no later than 01:00 pm (Italian time) of 9 September 2014 in an electronic format, either pdf exclusively stores on IT media (cd-rom, USB flash drive) with a maximum size of 20 MB. Annexes exceeding 20 MB in size shall be divided into several files.

To this end, candidates shall provide a certificate stating that the submitted documentation is identical to its original, under their responsibility and pursuant to Articles 46 and 47 of Italian Presidential Decree No. 445 of 28 December 2000, aware of forfeiture of any benefits obtained, as well as of the criminal penalties provided for by Articles 75 and 76, respectively of the above Decree, for false declarations and for forgery or use of forged documents.

By submitting an application and filling in Annex A, candidates shall state:

- a) that they undertake to ensure attendance of the doctorate program based on the instructions given by the Program Board;
- b) that they adequately fluent in the Italian language (for foreign nationals only);



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- c) that they are not enrolled in postgraduate Specialty Schools or in courses of studies for Laurea or Laurea Specialistica/Magistrale, in University Master's Degree courses or TFA (Tirocinio Formativo Attivo - Training Internships), or, should they be enrolled in the above courses, that they undertake to suspend attendance/enrolment, or that they are enrolled in the Postgraduate Medical Specialty School at the University of Parma (in the latter case attaching a copy of the authorization given by the School Board to enrol in the specific doctorate program);
- d) that they do not hold a research doctor qualification or that they already hold a research doctor qualification specifying the title of the doctoral title already held (in the latter case, the winner of the competitive examination shall not be entitled to any scholarship, pursuant to Article 6 of Italian Law No. 398/1989 and to Article 5 of the University Regulation for the attainment of a research doctorate title);
- e) that they have never benefited and they are not benefiting from any scholarship for a doctorate program.

Candidates suffering from impairments or learning disabilities shall fill in form A38 or form A38/TER, which can be downloaded from the website <http://www.unipr.it/didattica/informazioni-amministrative/modulistica>, and shall include such form in their application for registration. The form, filled in and signed, shall be sent via fax to the number here below: +390521-347042 or via e-mail to the address: [dottorati@unipr.it](mailto:dottorati@unipr.it).

The Administration Department shall not be liable for the loss of any communications due to the fact that the candidate has given a wrong address or has given late notification of any change in the same, as well as due to any malfunctioning of the postal service for which the Administration Department is not accountable.

Candidates intending to participate in the competitive examination for more than one doctorate programs shall submit more than one application, attaching the required documentation to each one of them.

In case the attached forms require research topics for the chosen Doctorate program, candidates shall set forth the specific topic chosen in their application for admission.

Candidates are invited to complete the application to participate in the competitive examinations well before the set deadline.

## ARTICLE 6 – RESERVED POSITIONS

As regards doctorate programs for which reserved positions are provided, candidates that graduated from foreign Universities or candidates holding scholarships funded by foreign States, candidates holding scholarships within specific international mobility programs and candidates that are the recipients of EU or international collaboration programs may compete for the positions reserved to the same, for which specific admission procedures may be set.

Any reserved positions are stated in the attached forms referring to the single doctorate programs, which shall be an integral part of this announcement.

Reserved positions may be provided to employees of companies having agreements in place for "Industrial Doctorate Programs" and to Research Fellows.



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The candidates that intend to compete for the above reserved positions shall be required to attach additional documents to their application for participation in the competitive examination (ANNEX A), and specifically:

- **Candidates holding a foreign academic degree:** in addition to the other documents as listed in the Form for the specific Doctorate Program, they shall attach a certificate of the foreign academic degree setting forth the exams sat and passed and the relevant marks and translated into Italian or English. This shall automatically entail that the candidates meeting the requirements will compete for the relevant reserved positions, where provided.
- **Candidates holding scholarships funded by foreign States:** in addition to the documents listed in the Form for the specific doctorate program, they shall attach a certificate stating that they are the holders of the scholarship granted.
- **Candidates that hold scholarships within specific international mobility programs:** in addition to the documents listed in the Form of the relevant doctorate program, they shall attach a certificate stating that they hold the scholarship granted within the international mobility program .
- **Candidates that are employees of companies having agreements for "Industrial Doctorate programs":** in addition to the documents listed in the Form of the relevant doctorate program, they shall attach documents giving evidence of their being employees of the company. This shall automatically entail that the candidates meeting the requirements will compete for the relevant reserved positions, where provided.
- **Research Fellows:** in addition to the documents listed in the Form of the relevant doctorate program, they shall attach a self-certification stating that they hold the research fellow position, its duration and the granting body, or a document stating the award of the same position. This shall automatically entail that the candidates meeting the requirements will compete also for the relevant reserved positions, where provided.

For reserved positions, the examination Board shall prepare a separate short-list in accordance with the type of reserved positions.

The positions that are reserved to holders of scholarships funded by foreign States or pertaining to specific international mobility programs, or reserved to research fellows or employees of companies having industrial doctorate agreements, or reserved for high training and research internship contracts and that have remained vacant shall not be awarded to other candidates.

## ARTICLE 7 - ADMISSION EXAMINATION

Admission shall be based on a competitive examination consisting in assessment of qualifications and, possibly, of tests. In addition to the assessment of qualifications and/or the research project, the procedures for the comparative assessment, aimed at verifying the candidates' abilities and skills for scientific research may consist in a written exam, an oral exam open to the public, in a practical exam and/or test, or in a combination of the above chosen by the Doctorate Program Board.

The selection procedures and the exam schedule are set forth in the forms relating to the single doctorate programs, which shall be an integral part of this announcement.



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The publication on the web of the above schedule shall amount to formal notification for all purposes convening candidates for the exams, if any. Therefore, candidates shall present themselves, **with no notice or communication whatsoever required regarding admission exams**, at the examination venue, on the day and at the time set forth in the above forms, with an identity document that has a photograph of the holder, is valid and has been issued by a State Body, **under penalty of exclusion**.

Only and exclusively where so provided in the Form relating to the chosen doctorate program, the exam may be held in a language other than Italian and with the use of IT tools and electronic modes as suitable to verify the candidates' identity.

Foreign candidates, both EU and non-EU, shall prove to be adequately fluent in the Italian language.

The Examination Board may award a total of 120 points. The breakdown of points by the single exams is set forth in the forms relating to the single Doctorate programs.

To qualify a total score not lower than 70 points shall be required. The final score shall be the sum of the points obtained in the assessment of qualifications and in the single exams.

Candidates will be able to view the results of the single exams and the outcome of the final long-listing by accessing the reserved web page of online students' office services from the University website <http://www.unipr.it/uniparmaclick>.

**Specific provisions for candidates residing abroad:** candidates residing abroad, only and exclusively where so stated in the form relating to the chosen doctorate program, may sit the oral exam, if any, remotely, via web **teleconference**, both audio and video (e.g.: Skype, Adobe Connect).

With regard to Doctorate Programs providing the possibility to sit the interview also via videoconference or other technology allowing remote viewing of the participants in the interview, candidates that permanently reside abroad and intend to use such operating mode shall submit the relevant request filling in the "Form for videoconference request", and attach it to the application for admission, along with a copy of a valid identity document.

The form shall state, under penalty of the candidate's exclusion, the chosen platform (Skype or a similar one) and the user's address to be used by the Board to make the video call. Candidates shall be available at their personal address, as previously communicated, on the day set for the oral exam, in accordance with the schedule included in the Form relating to the relevant Doctorate program. The Examination Board may decide to agree with the candidate on a precise time for the beginning of the interview.

For identification purposes and under penalty of exclusion from the selection procedure, each candidate shall identify him/herself, before the interview begins, by showing the same identity document a copy of which has been attached to the application for participation in the competitive examination.

In the event a candidate fails to communicate his/her personal address, fails to connect, or is not available on the day and at the time as agreed, or fails to show a valid identity document, pursuant to the previous paragraph, all these shall be grounds to exclude such candidate from the selection procedure. These grounds for exclusion shall not apply if the candidate, with a



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valid identity document, presents him/herself on the day set for the interview in order to sit the oral exam "in person".

The University of Parma shall not be responsible for any technical causes which prevent the oral interview from being carried out regularly.

After the exams, the Examination Board shall prepare the general short-list based on the scores obtained by the candidates in the qualification assessment and in any single exams.

## ARTICLE 8 – EXAMINATION BOARD

Examination Boards shall be appointed by the Rector and composed in accordance with Article 5 of the Regulation concerning Research Doctorate degrees of the University of Parma.

The composition of the single Boards shall be published on the University website.

The Examination Boards shall not send any personal communication to candidates regarding the competitive exams: the candidates shall be responsible for obtaining information on the same in accordance with the procedures set out in Article 7 of this announcement.

## ARTICLE 9 - ADMISSION TO THE PROGRAMS (Final short-lists)

Candidates that passed the exam shall be admitted to the doctorate program, after the approval of selection deeds, in accordance with their ranking on the short-list and up to the number of positions available.

For admission to each Research Doctorate Program, only the short-list published on the University website shall be relevant.

Candidates will be able to check whether they have qualified for admission to the chosen Doctorate Program, in the reserved dedicated website area, under the item admission tests, by logging in with the same procedures used to register for the competitive examination on the University website <http://www.unipr.it/uniparmaclick>.

The publication of the short-list on the website shall be the only official publications of the outcomes of the competitive examination and, therefore, **no personal notifications shall be sent to the winning candidates.**

In case a candidate ranks in a winning position in more than one short-list, he/she shall opt for only one Doctorate Program, concomitantly notifying his/her waiver of the other programs.

The candidates that rank as winners in the final short-list, who are not over 29 years of age, may be selected afterwards, in cooperation with any interested companies and based on each candidate's specific skills, for a "high training and research internship contract" pursuant to Article 5, of Italian Legislative Decree No. 167/2011 and to Article 30, of Law No. 17/2005 issued by the Emilia-Romagna Regional Government, to cover any vacancies, where any are set forth in the forms attached hereto.

Postgraduate students that are enrolled in a Medical Specialty School of the University of Parma and win the competitive examination for admission to a doctorate program held at the same University may be allowed to attend jointly both programs during the last year of the Medical Specialty School, granted that they are in the last year of the Specialty School at the





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time of matriculation in the doctorate program, in compliance with the deadlines set down in Article 10 below.

Joint attendance shall be allowed where compatible with the activities and commitment required by the same School, and such compatibility shall be stated by the authorization issued by the School Board.

The Doctorate Program Board shall resolve on any request for a reduction in the doctorate program, after assessing the research activities already carried out during the postgraduate medical specialty program as certified by the postgraduate medical specialty school, and may allow enrolment in the second year of the doctorate program.

In the year of joint attendance, the postgraduate student may not receive the doctorate program scholarship.

## ARTICLE 10 – ACCEPTANCE OF THE POSITION AND MATRICULATION

The winning candidates shall complete a registration before formal matriculation using EXCLUSIVELY the ON-LINE procedure, accessing the page "UNIPARMA CLICK" **from 12:00 am (Italian time) of 15 October 2014 and mandatorily no later than 12:00 am (Italian time) of 24 October 2014** by accessing the reserved dedicated area clicking on students' office/matriculation.

NO PROCEDURE FOR ENROLMENT IN THE PROGRAM SHALL BE ACCEPTED OTHER THAN THE ON-LINE ONE.

After completing the on-line registration, the person concerned shall print his/her enrolment application and turn it in, along with all required documentation, at the Doctorate Program and School Service, **mandatorily no later than 12:00 am (Italian time) of 29 October 2014** following exclusively one of the following procedures:

1. application turned in directly to the Servizio Corsi e Scuola di Dottorato [Doctorate Program and School Service] – P.le San Francesco, 3 - 43121 Parma, Italy, (opening days and hours: Monday, Tuesday, Wednesday, Friday from 9:00am to 12:00 noon – Thursday from 9:00am to 1:00pm) by the persons concerned or by his/her proxy having a valid identity document (or its photocopy) of the person concerned;
2. application sent by post or courier to the Servizio Corsi e Scuola di Dottorato – P.le San Francesco, 3 - 43121 Parma, Italy, with the following wording on the envelope "Iscrizione Dottorato di Ricerca XXX ciclo" [Enrolment in Research Doctorate Program XXX cycle]

It is pointed out to the persons concerned that, in case the enrolment application is sent by post, it shall be mandatorily received by the Office **no later than on 29 October 2014**.

ALL DOCUMENTATION THAT WILL BE RECEIVED AFTER THE ABOVE DEADLINE SHALL NOT BE CONSIDERED. THEREFORE, THE POSTAL STAMP DATE SHALL NOT BE EVIDENCE OF COMPLIANCE WITH THE DEADLINE.

The above required documentation concerns:

- Tax ID,
- Identity Document,
- a receipt of payment against notice of the revenue stamp duty (MAV),



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- Form for scholarship acceptance,
- Form setting forth the current account data (for holders of scholarships only),
- INPS (Italian National Social Security Institute) form (for holders of scholarships only),
- Form stating enrolment in the separate management account (for holders of scholarships only) if not available from the beginning, no later than 14 November 2014.

Failure to complete matriculation by the above deadline shall entail forfeiture of the right to admission to the Doctorate Program. In this case, any remaining vacancies shall be awarded to those with the relevant ranking in the short-list.

**In case of waiver by the winners of the competitive examination, the University Administration Department shall contact those with the relevant ranking in the short-list, according to their ranking. Interested persons shall present themselves at the Servizio Corsi e Scuola di Dottorato within the 5 working days of the above communication, under penalty of forfeiture**

In case of waiver by a person so entitled within two months of the beginning of the program, the candidate on the short-list of eligible candidates ranking immediately after the waiving one shall take over the position, however, no later than at the end of the third month from the beginning of the program.

For admission to the doctorate program, candidates with the same ranking shall submit a self-certification concerning their income situation, pursuant to the Decree issued by the Italian Prime Minister on 9 April 2001 published in the Italian Official Journal issue No. 172 of 26 July 2001.

Non-EU nationals shall submit a photocopy of the application for an Italian stay permit, for study or otherwise, and shall commit to turn in later the stay permit issued by the Questura di Parma.

All deeds and documents in a foreign language shall be translated and certified by the competent Italian diplomatic representation or consulates, in accordance with the applicable legislation concerning the admission of foreign students to courses at Italian Universities.

## ARTICLE 11 - SCHOLARSHIPS

The annual amount of the scholarship, to be granted in monthly instalments in arrears, shall be of €13,638.47 gross of the INPS (Italian National Social Security Institute) contribution to be paid by the scholarship holder, pursuant to the Italian legislation in force.

In tax terms, the provisions of Article 4 of Italian Law No. 476 of 13 August 1984 apply to scholarships for attendance of doctorate programs.

Scholarships shall be awarded in accordance with the ranking on the short-list.

For candidates with the same ranking, the assessment of their income situation pursuant to the Decree issued by the Italian Prime Minister on 9 April 2001 and published in the Italian Official Journal issued No.172 of 26 July 2001.

Scholarships shall have annual duration and shall be renewed upon condition that the Doctoral student concerned has completed the activities schedules for the previous year, as verified by



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the Doctorate Program Board. The scholarship shall be granted for the entire duration of the doctorate program.

The amount of the scholarship shall be increased for any stay abroad for research activities by 50% for a total period not exceeding 18 months.

Starting from the second year, each doctoral student, either holder of a scholarship or not, shall be provided with a budget for research activities in Italy and abroad having an amount not lower than 10% of the same scholarship.

The scholarship shall not add to other research grants or other scholarships awarded on whatsoever ground, except for those awarded by Italian or foreign bodies and intended to integrate, with stays abroad, the training or research activities of the Doctoral Student.

Should attendance of the doctorate program be suspended for over 30 days, the scholarship shall not be paid for the suspension period. The obligations of attendance in the Doctorate Program may be suspended for a period of one year at the most for maternity leave, national military service, serious and substantiated disease and specific family situations, with concomitant interruption of the relating scholarship, which will be resumed when regular attendance is also resumed.

The doctorate program may be suspended for enrolment in a Tirocinio Formativo Attivo [Italian Teacher Mandatory Training] for a period of a year at the most, with concomitant interruption of the relating scholarship, which will be resumed when regular attendance is also resumed.

All doctoral students that have been awarded a scholarship for a doctorate program in the past, also a partial one, may not apply for a second one.

## ARTICLE 12 - CONTRIBUTION FOR ENTRANCE TO AND ATTENDANCE IN THE PROGRAMS

The amount of annual contributions for entrance to and attendance in the doctorate programs for the academic year 2014/2015 shall be €524.00. This amount shall be increased based on the Indicatore della Situazione Economica Equivalente - ISEE (an indicator of the student's household income), as set forth below:

	ISEE value		
1st range	0	18,000.99	No increase
2nd range	18,001.00	28,000.99	an increase of €200.00 in the amount of the 2nd instalment
3rd range	28,001.00	38,000.99	an increase of €250.00 in the amount of the 2nd instalment
4th range	38,001.00	54,000.99	an increase of €300.00 in the amount of the 2nd instalment
5th range	54,001.00	65,000.99	an increase of €350.00 in the amount of the 2nd instalment
6th range	from 65,001.00 up		an increase of €400.00 in the amount of the 2nd instalment



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The contribution for entrance to and attendance in the programs for the 1st year shall be paid in three instalments, in accordance with the schedule given below:

<b>Contribution for entrance and attendance</b>	<b>Amount</b>	<b>Description</b>
upon matriculation	€16.00	Revenue stamp duty paid
1st instalment: by 28 February 2015	€402.00	Contribution: €262.00 Regional Tax: €140.00
2nd instalment: by 30 September 2015	€262.00 (*)	Contribution: €262.00 plus any increase based on the ISEE self-certification

(\*) the amount of the second instalment shall be increased upon indication of the University Administration Department based on the doctoral student's income situation. In order for the University Administration Department to calculate the above increase, all doctoral students shall be required to submit a ISEE self-certification based on their income and financial situation referring to the previous calendar year, by 31 July 2015.

The amounts listed above may be changed in following years.

All doctoral students enrolled in the programs shall be required to pay €16.00 per year as revenue stamp duty and €140.00 per year as the Regional tax for the right to study.

Doctoral students receiving scholarships that are recognized in the University Financial Statements or other equivalent scholarships shall be entitled to total exemption of contribution as

Doctoral students with disability not lower than 66% .

Doctoral students that are enrolled in the first year and belong to households having other students enrolled in courses of studies (university courses for laurea, laurea specialistica, laurea magistrale) at the University of Parma, shall be entitled to a refund of €300 on the second instalment. In order to be entitled to the above refund, both the concerned doctoral student and the members of his/her household who are reported as students of the University of Parma shall have to meet the following requirements:

- the doctoral student and the other student(s) belong to the same household. Being on the same family status certificate shall be evidence of belonging to the same household;
- the doctoral student and the other student(s) are regularly enrolled for the academic year 2014/2015 at the University of Parma;
- the doctoral student and the other student(s) are compliant with all required payments of taxes and contributions, referring also to previous academic years;
- the applicant must meet both the income requirements relating to the fiscal year 2013 as set forth below:

ISPE/ISPEU [indicator of the household financial position/indicator of the household financial position for university purposes] not higher than €34,926.00

ISPE/ISPEU [indicator of the household income position/indicator of the household income position for university purposes] not higher than €34,926.00



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## ARTICLE 13 - ACHIEVEMENT OF THE DEGREE

The research doctor degree, also referred to as: "Dott. Ric." or "Ph.D.", shall be achieved upon sitting and passing the final exam. For all information on the appointment of Examination Boards for the final exams and on the procedures and requirements relating to the doctoral thesis, reference is made to the "Regolamento dei Corsi per il conseguimento del Dottorato di Ricerca dell'Università degli Studi di Parma" [Regulation of the University of Parma concerning the Programs for Research Doctorate degrees].

## ARTICLE 14 - RIGHTS AND DUTIES OF DOCTORAL STUDENTS

Doctoral students shall undertake to ensure attendance of the doctorate program based on the instructions given by the Program Board.

The admission to research doctorate programs shall require full-time and exclusive commitment.

The Program Board shall have the power to include any extra-curricular activities to be performed along with the academic educational, training and research activities of the doctorate program.

Pursuant to Italian Law No. 4 of 14 January 1999, the winners of a competitive examination for admission to doctorate programs held at Italian University Hospitals may take part in the health care activities of the department, upon request of the student concerned and upon authorization of the department to which the Doctorate Program refers, where compatible with the training objectives and where proposed by the Program Board.

Public employees that have been admitted to doctorate programs shall be entitled, for the regular duration of the same program, to an extended leave as provided for by the relevant national collective bargaining agreement or, for employees within the public law scope, to an extraordinary leave for study, where compatible with the employer's requirements, pursuant to Article 2 of Italian Law No.476 of 13 August 1984, as amended, with or without grants and without prejudice to any explicit waiver, only if they are enrolled for the first time in a doctorate program, irrespective of the study field.

The extraordinary leave period shall be relevant for career advancements, pension and social security plans.

In case of admission to doctorate programs without a scholarship, or in case of waiver of the same scholarship, the doctoral student in extended leave shall continue to receive the remuneration, pension and social security benefits from his/her public Employer.

Public employees that already hold a research doctorate degree and public employees that have already been enrolled in doctorate programs for at least one academic year and have already received such leave shall not be entitled to any extraordinary leave, with or without grants.

In case an employee is not entitled to any extended or extraordinary leave, his/her admission to the program shall be subject to the opinion expressed by the Program Board, after verifying that his/her work activity is compatible with the educational, training and research activities as scheduled for the Doctorate Program.

If, after the research doctorate degree has been achieved, the work or employment relation with any public body is terminated by the employee in the two following years, the amounts received shall be repaid, pursuant to Article 2 of Italian Law No. 476 of 13 August 1984, as amended by Italian Legislative Decree No. 119 of 18 July 2011.



# UNIVERSITA' DEGLI STUDI DI PARMA

No concomitant enrolment in other Study Courses shall be allowed, with the exception of the provisions concerning Postgraduate Students enrolled in Medical Specialty Schools.

Students enrolled in a Research Doctorate Program who also hold a permanent position as researchers or as research fellows or hold a scholarship may finish their training after waiving the scholarship for the research doctorate.

Doctoral students may carry out, as an integral part of their training project and with the prior authorization issued by the Program Board, tutoring activities for students in laurea and laurea magistrale courses. This teaching activity shall pertain to the Doctorate scope and may be carried out by:

- a) performing complementary or ancillary teaching tasks, in all cases within a maximum limit of forty hours in each academic year up to the third year of the Doctorate program;
- b) collaborating with the students in the research relating to final tests and graduation thesis.

However, the above teaching activity shall not prejudice the training to research.

The above teaching activity shall be optional, shall not entail any expense for the University and may be assigned to the Doctoral Student only with his/her consent.

## ARTICLE 15 - APPLICABLE REGULATION

For anything not expressly provided for herein, reference is made to the "Regolamento dei Corsi per il conseguimento del Dottorato di Ricerca dell'Università degli Studi di Parma" [Regulation of the University of Parma concerning the Programs for Research Doctorate degrees].

## ARTICLE 16 – PERSON IN CHARGE OF THE PROCEEDING

Pursuant to Italian Law No. 241 of 7 August 1990, as amended and integrated, the person in charge of the proceeding dealt with herein shall be Ms. Sonia Rizzoli – "Capo del Settore Formazione Post Laurea" [Head of the Postgraduate Training Sector] - P.le S. Francesco, 3 - 43121 Parma, Italy, phone +390521 - 034023 fax +390521/347070 and e-mail dottorati@unipr.it.

The provisions set down herein and intended to ensure transparency in all phases of the proceeding, the criteria and procedures for the appointment of examination boards and persons in charge of the proceeding implement Italian Law No. 241 of 7 August 1990, as amended.

## ARTICLE 17 – PROCESSING OF PERSONAL DATA

Pursuant to Article 13 of Italian Legislative Decree No. 196 of 30 June 2003, the personal data provided by the candidates taking part in the selection for admission to the research doctorate programs as per Article 1, shall be collected at the University of Parma, which has its registered office at Via Università, 12 - 43121 Parma, Italy.

The above personal data shall be processed exclusively for the purposes provided for herein.

Providing personal data is obligatory in order to assess the requirements for participation in the selection, under penalty of exclusion from the selection procedures.

The personal data provided by the candidates may be communicated by the University to the Italian Ministry of Education, University and Research for its institutional purposes.

Candidates shall have the rights set down in Article 7 of Italian Legislative Decree No. 196/2003, specifically the right to access their personal data and the right to have their data updated or erased if mistaken, incomplete or collected unlawfully, as well as the right to object,



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on legitimate grounds, to their treatment. The above rights may be enforced against the University of Parma, with registered office at via Università, 12 43121 Parma, Italy, the data Controller.

## ARTICLE 18 – OTHER INFORMATION

This announcement of a competitive examination, written in Italian and in English, is published on the website of the University of Parma, <http://www.unipr.it>; the relating notice is available on the website of the Italian Ministry of Education, University and Research and on the EU Euraxess website.

Additional information and regulation details may be asked to the "Servizio Corsi e Scuola di Dottorato", P.le San Francesco, 3 - 43121 Parma, Italy Phone: +390521/034365 or +390521/034329 or +390521/034205 or +390521/034447 or +390521/034040.

Parma, Italy 29<sup>th</sup> July 2014

THE GENERAL MANAGER

Silvana Ablondi

THE RECTOR

Loris Borghi

IL PRORETTORE ALLA DIDATTICA E  
SERVIZI AGLI STUDENTI  
Maria Cristina Ossiprandi

Unità Organizzativa Responsabile -U.O.R. [Relevant Organizational Unit] – Relevant Organizational  
Students' Services Ms. Anna Maria Perta  
Unit

Management – Teaching Area and

Responsabile del Procedimento - R.P.A. [Person in charge of the proceeding] – Person in charge of the administrative Head of the Postgraduate Training  
Sector Ms. Sonia Rizzoli  
proceeding

APPLICATION FOR ADMISSION TO THE COMPETITIVE EXAMINATION

To the Rector of the University of Parma  
Via Università, 12 - 43121 PARMA, ITALY

To the "Servizio Corsi e Scuola di Dottorato"

\_\_\_\_\_, I, \_\_\_\_\_ the undersigned \_\_\_\_\_  
born in \_\_\_\_\_ (Province of \_\_\_\_\_ ) on  
\_\_\_\_\_ Tax ID \_\_\_\_\_

HEREBY SUBMIT THIS APPLICATION

to participate in the public competitive examination for admission to the Research Doctorate Program  
XXX cycle in:

\_\_\_\_\_  
(PLEASE, MAKE SURE THE NAME OF THE PROGRAM IS STATED CORRECTLY)

RESEARCH TOPIC: \_\_\_\_\_  
(IT IS TO BE MANDATORILY STATED WHERE EXPRESSLY PROVIDED FOR IN THE  
FORM RELATING TO THE CHOSEN DOCTORATE PROGRAM)

**ASK** also to be admitted to a reserved position (if provided in the form attached to the notice of the  
course) for:

- Industrial Doctorate (*pursuant to Article 11 paragraph 2 of Italian Ministerial Decree No. 45 of 2013*)
- holders of scholarships funded by foreign States or recipients of specific international mobility programs (*pursuant to Article 8 paragraph 2 of Italian Ministerial Decree No. 45 of 2013*)
- holder of a research fellow position

- aware that, in case of false declarations, forgery of documents and use of forged documents, I will be subject to the penalties provided for by the Italian Criminal Code and by the applicable special laws;
- aware that I will forfeit, with retroactive effect, any benefits resulting from any measures issued based on false declarations,

HEREBY STATE, under my responsibility:



- a) that I undertake to hand in a self-certification relating on my academic degree to the Chair of the Examination Board at the competitive examination, if possible, or later to the "Servizio Corsi e Scuola di Dottorato" (for candidates that do not have an academic degree);
- b) that I undertake to attend, on a full-time basis, the doctorate program, in accordance with the procedures to be set by the Program Board;
- c) that I undertake to promptly notify any change in my residence or contact details;
- d) to know the following foreign languages \_\_\_\_\_
- e) that I am adequately fluent in the Italian language (for foreign nationals only);
- f) that I am not enrolled in postgraduate Specialty Schools or in courses of studies for Laurea or Laurea Specialistica/Magistrale, in University Master's Degree courses or TFA (Tirocinio Formativo Attivo - Training Internships), or, in case I am enrolled in the above courses, that I undertake to suspend attendance, or that I am enrolled in the \_\_\_\_\_ YEAR of the Postgraduate Medical Specialty School in \_\_\_\_\_ of the University of Parma (in the latter case, attaching a copy of the authorization issued by the School Board to enrol in the specific Doctorate Program);
- g) that presently I do not hold any doctorate degree and that I have not been nor I am currently the recipient of any scholarship for doctorate programs, or that I hold a doctorate degree in \_\_\_\_\_;
- h) that I hold the following qualifications<sup>1</sup> :  
\_\_\_\_\_ of which I am attaching, for their assessment, the relevant documentation in pdf on an electronic medium (cd-rom, USB flash-drive)

(For candidates holding a foreign academic degree):

**HEREBY ASK**, exclusively for the admission to this doctorate program, the recognition of the above academic degree. For this purpose, I am attaching the following documents that are suitable to allow its recognition as equivalent to the required one, pursuant to Article 3 of the announcement.

---

I, the undersigned \_\_\_\_\_, also state that I am aware of the provisions of Article 7 of the announcement of the competitive examination, concerning the procedures to convene candidates for the relevant examinations, as well as of the relevant forms; I state also that I undertake, where applicable, to check whether I have been admitted to the oral exams.

I, the undersigned \_\_\_\_\_, state that I am aware of the date set for enrolment in the Doctorate Program.

I, the undersigned \_\_\_\_\_, state that I consent to the use by the University of Parma of my personal data provided by myself, for institutional purposes and for the competitive examination procedure, pursuant to Italian Legislative Decree No. 196 of 30 June 2003.

Date, \_\_\_\_\_

Signature

---

<sup>1</sup> \*IT IS MANDATORY FOR EVERYONE TO ATTACH A CURRICULUM VITAE, AN ABSTRACT OF THE GRADUATION THESIS, A SELF-CERTIFICATION OF THE EXAMS SAT AND PASSED AND OF THE ACADEMIC DEGREE ACHIEVED

FAC SIMILE

**STATUTORY DECLARATION IN LIEU OF AN AFFIDAVIT**  
(Articles 4, 19, 46 and 47 of Italian Presidential Decree No. 445 of 28 December 2000)  
*signed by a person of age with legal capacity*

*I, the undersigned*

\_\_\_\_\_  
(Surname) (First name)  
born in \_\_\_\_\_ ( ) on

\_\_\_\_\_  
(place) (Province)  
residing in \_\_\_\_\_ ( )

at address \_\_\_\_\_  
No. \_\_\_\_\_  
(place) (Province) (address)

Aware of the criminal penalties for false declarations and use of forged documents, as referred to in Articles 75 and 76 of Italian Presidential Decree No. 445 of 28 December 2000,

**HEREBY STATE**

that the copy(ies) attached hereto<sup>1</sup>

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

is (are) identical to its (their) original(s) on record at:<sup>2</sup> \_\_\_\_\_

I also state that I am aware, pursuant to and by virtue of Italian Legislative Decree No. 196/2003 (*the Italian Consolidated Privacy Law*), that my personal data as collected will be processed, also using IT tools, exclusively within the scope of the proceeding for which I give this statement.

(place, date) \_\_\_\_\_

\_\_\_\_\_ *The Declarant*

Pursuant to Article 38 of Italian Presidential Decree No. 445 of 28 December 2000, this statement was signed by the person concerned before the employee in charge of receiving such statement, or was signed and sent together with a non-certified photocopy of an identity document of the signer, to the relevant office via fax, through a third party or by post.

<sup>1</sup> please, describe the deeds or documents a copy of which is attached hereto

<sup>2</sup> please, state the place where each single original of the attached copies is on record



Competitive examination for admission to Research Doctorate Programs

**FORM TO REQUEST AN INTERVIEW VIA VIDEOCONFERENCE**

(Article 7 of the Announcement)

**NOTE:** filling in this document shall not amount on its own to registration for the competitive examination. This form shall be filled in, signed and attached, together with a photocopy of an identity document, to the application for admission to the competitive examination

**I, the undersigned**

Surname:			
Name:			
Sex:	M	F	
Birth:	Date		
	Town		
	Country		
Residing in:	Town		
	Country		
	E-mail		

**HEREBY SUBMIT THIS APPLICATION**

to be allowed to sit the oral exam for admission to the Research Doctorate Program in \_\_\_\_\_ (name of the Doctorate program)

via videoconference, as provided in the form relating to the above program and attached to the Announcement of the competitive examination. For this purpose, I give the following data:

Platform used for web connection:

\_\_\_\_\_

(e.g. Skype, Adobe Connect etc.)

Address for connection:

\_\_\_\_\_

**HEREBY STATE**

that I am aware of the rules set down in the Announcement of competitive examination, specifically, those set down in Article 5 "Applications for admission" and in Article 7 "Admission exam".

\_\_\_\_\_ (place)

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ (date)

\_\_\_\_\_ (Candidate's signature)

<b>EVOLUTIONARY BIOLOGY AND ECOLOGY</b>	
<b>Cycle</b>	XXX
<b>Duration</b>	3 years
<b>Partner Universities</b>	University of Ferrara
<b>Supervisor</b>	Prof. Paolo Menozzi – Department of Biosciences E-mail: <a href="mailto:paolo.menozzi@unipr.it">paolo.menozzi@unipr.it</a>
<b>Research Topics:</b>	<ul style="list-style-type: none"> <li>• Biology and Plant Biotechnologies</li> <li>• Ecology and Ethology</li> <li>• Genetics and Evolution</li> </ul> <p>A detailed list of the research topic and of the items that summarise the knowledge required of candidates can be found on the web page:</p> <p><a href="http://bioscienze.unipr.it/it/didattica/dottorato/biologiaevoluzionisticaedecologia">http://bioscienze.unipr.it/it/didattica/dottorato/biologiaevoluzionisticaedecologia</a></p>
<b>Training objectives</b>	<p>Evolutionary Biology and Ecology are an integrated area of research which in many prominent scientific institutions belong to the same Department. The graduate program in Evolutionary Biology and Ecology focuses on the study of biological diversity and its evolution, of animal behavior, and of the relationships of all living creatures, including humans, among them and with the environment. By integrating information ranging from the molecular level to the levels of the organism, the population and the community, graduate students are encouraged to develop their research in both basic and applied fields of investigation. Innovative methods are given a central role, both in fieldwork and in the laboratory and numerical analyses, the latter based on state-of-the-art biostatistical and simulation methods. Therefore, the holder of a Ph.D. in Evolutionary Biology and Ecology will be a highly qualified expert in the analysis and interpretation of biological processes and in the management of natural resources, who will be able to independently plan and conduct empirical research, to thoroughly exploit public bioinformatic resources, to develop quantitative models and to in-depth analyse biological data.</p>
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent
<b>Positions put out to competition</b>	
<b>With scholarship</b>	7

<b>Without scholarship</b>		1	
<b>TOTAL</b>		8	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	2	Scholarships of the University of Parma	
	4	Funded by the University of Ferrara	
	1	Co-funded by Fondazione Cariparma	
<b>Admission procedures</b>	<p><b>Assessment of QUALIFICATIONS:</b> up to 90 points  a minimum score of 40 points shall be required to be admitted to the Oral Exam  <b>ORAL EXAM:</b> up to 30 points</p> <p><b>Minimum score for ELIGIBILITY:</b> 70/120</p>		
<b>Interview via teleconference for candidates residing abroad</b>	<p>THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD.</u>  THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.  (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 8 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 45 points
	<b>Research Project</b>	The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 15 points
	<b>Reference letters</b>	Up to a maximum of 3 supporting the candidate admission written by teachers of the University from which the candidate graduated or of other Universities, or by experts in the research fields that relevant for the doctorate scope, who work at both State and private research bodies	Up to 15 points
	<b>Other qualifications</b>	Publications, courses, stays abroad, prizes	Up to 7 points

<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>
<b>Schedule of the admission exam</b>	<b>DATE ORAL EXAM:</b> 23 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> Room 4 – Department of Biosciences Parco Area delle Scienze, 11/A – 43124 PARMA, ITALY
<b>Oral Exam topics</b>	The Oral Exam shall focus on the candidate's reasons to attend the doctorate program, on the description of his/her specific research interests and qualifications, as well as on the discussion of the research project submitted.

<b>BIOTECHNOLOGIES AND LIFE SCIENCE</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Nelson Marmiroli – Department of Biosciences E-mail: <a href="mailto:nelson.marmiroli@unipr.it">nelson.marmiroli@unipr.it</a>	
<b>Research Topics:</b>	<ul style="list-style-type: none"> <li>• Environmental</li> <li>• Genetics</li> <li>• Biochemical-Molecular</li> </ul>	
<b>Training objectives</b>	The PhD in Biotechnology and Biosciences aims to train experts to carry out research in the field of biological disciplines and applied technologies. The themes of the doctoral research are mainly focused on the study of function, organization, and regulation of the genome of microbial organisms, plants and animals, to get insights into their possible application in biotechnology. Methods used are basically those of genetics, molecular biology, biochemistry, and applied biology. Starting from these objectives, in order to train PhDs with highly qualifying skills, three main areas of research have been identified as follows: 1) environmental; 2) genetic; 3) biochemical-molecular. Students will develop a full-time research project while also providing critical contributions, thus achieving scientific and managerial autonomy, thanks also to the numerous international scientific collaborations in which they will be involved.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent.	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	5	
<b>Without scholarship</b>	1	
<b>TOTAL</b>	<b>6</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	MIUR Scholarship "Fondo Giovani" on the "Human health (study and treatment of cancers and degenerative diseases with new approaches resulting from the knowledge of the human genome)"
	1	Co-funded by Fondazione Cariparma
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 40 points <b>ORAL EXAM:</b> up to 80 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	

<b>Interview via teleconference for candidates residing abroad</b>	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD.</u>  <u>THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.</u>          (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 2 points
		Graduation mark  Score based on the graduation mark - 110 with honours: 20 points; - 110: 18 points; - from 101 to 109: 2 points for each mark unit (0-16 points).	Up to 20 points
	<b>Average of exam marks (if the candidate is enrolled subject to condition)</b>	Score relating to the mark average: - 30/30: 18 points; - From 21/30 to 29/30: 2 points for each mark unit (0-16 points).	Up to 18 points
	<b>Curriculum Vitae et studiorum and other qualifications</b>	Covering the candidate's university career and postgraduate experience ( <b>mandatory qualification</b> )	Up to 6 points
	<b>Scientific publications</b>	Publications with referee: 2 points for each publication.  (for assessment purposes a copy shall be attached to the application)	Up to 8 points
	<b>Papers at conventions or meetings</b>	1 point for each convention paper.  (for assessment purposes a copy shall be attached to the application)	Up to 4 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 26 September 2014 <b>TIME:</b> 09:00am <b>PLACE:</b> "Edificio Biologico" (Department of Biosciences) Parco Area delle Scienze, 11/A – 43124 PARMA, ITALY  For information, please contact the Students' Office (phone: +390521-905613)		
<b>Oral Exam topics</b>	The Oral Exam shall be held in accordance with the following procedures: - The Program Board will prepare a series of packets containing scientific publications with references in English, chosen based on the scientific topics of the relevant Doctorate Program. - The candidate will be asked to choose a publication and to prepare an oral presentation on it; the candidate will have a suitable length of time (two hours) to carry out the above task.		



	<ul style="list-style-type: none"><li>- Candidates will be called in alphabetical order by the Program Board to give their presentation.</li><li>- During this exam, the candidate's fluency in the English language will also be assessed.</li></ul> <p>At the end, the Board will propose a mark based on the following criteria: comprehension of the text assigned, clarity in presenting the paper, ability to in-depth analysis and fluency in the second language.</p>
<b>OTHER INFORMATION</b>	For further clarifications and information on the procedures for the admission exam, please contact Barbara Montanini ( <a href="mailto:barbara.montanini@unipr.it">barbara.montanini@unipr.it</a> ) and Roberta Ruotolo ( <a href="mailto:roberta.ruotolo@unipr.it">roberta.ruotolo@unipr.it</a> )

<b>PHYSICS</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Cristiano Viappiani – Department of Physics and Earth Sciences E-mail: <a href="mailto:cristiano.viappiani@unipr.it">cristiano.viappiani@unipr.it</a>	
<b>Research Topics:</b>	<ul style="list-style-type: none"> <li>• Condensed Matter and Materials Physics</li> <li>• Theoretical Physics</li> <li>• Biophysics and Applied Physics</li> </ul>	
<b>Training objectives</b>	<p>The PhD in Physics, with a duration of 3 years, is established as a unifying element of the third-level University education in the Physics' area. Besides their main commitment to the research activity, students are supposed to spend a substantial part of their training period in attending advanced courses as well as national and international schools. Students are encouraged to spend part of their time abroad in order to participate in scientific collaborations in their fields of interest and follow advanced courses in support of their research program. During the three-years, teaching commitments are progressively reduced towards a full time engagement in the research activity. The evaluation of the training program is carried out - at the end of each year - through open seminars held by the students. The independent scientific research is expected to lead to publication of results in international, peer reviewed journals. The ultimate goal of the PhD in physics is a highly specialized scientific training that opens professional carriers in academic institutions and research laboratories, either public or private. The PhD in Physics is divided into three areas corresponding to major groups of disciplines of Physical Sciences covered by the research activity of the Department of Physics and Earth Sciences.</p>	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	<b>6</b>	
<b>Reserved to holders of scholarships funded by foreign States and/or scholarship holders within specific international mobility programs</b>	<b>1</b>	
<b>TOTAL</b>	<b>7</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>3</b>	Scholarships of the University of Parma
	<b>1</b>	MIUR Scholarship "Fondo Giovani" on the "Energy savings and distributed microgeneration" topic
	<b>1</b>	Co-funded by Fondazione Cariparma
	<b>1</b>	Funded by INFN (the Italian National Institute for Nuclear Physics)

<b>Positions reserved to holders of scholarships funded by foreign States and/or scholarship holders within specific international mobility programs</b>	<b>No.</b>	<b>Position reserved to holders of scholarships funded by foreign States:</b>	
	<b>1</b>	Holder of a scholarship funded by Universities or Foreign State	
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS: up to 60 points</b> a minimum score of 10 points shall be required to be admitted to the Oral Exam <b>ORAL EXAM: up to 60 points</b>  <b>Minimum score for ELIGIBILITY: 70/120</b>		
<b>Interview via teleconference for candidates residing abroad</b>	THE ORAL EXAM MAY BE HELD <u>VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD.</u> THE INTERVIEW MAY BE HELD ALSO IN ENGLISH. (the relevant request shall be submitted using the form attached to the competitive examination announcement)		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis (if the graduation thesis has not yet been discussed, it shall be signed by the thesis supervisor) <b>(mandatory qualification)</b>	Up to 10 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 30 points
	<b>Other qualifications</b>	for example: publications, prizes, papers at Conventions, internships, scholarships, etc.	Up to 20 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE: 24 September 2014</b> <b>TIME: starting from 10:00am in accordance with the schedule to be published</b> on the website of the Department of Physics and Earth Sciences <a href="http://dottfisica.unipr.it/cgi-bin/campusnet/home.pl">http://dottfisica.unipr.it/cgi-bin/campusnet/home.pl</a> <b>PLACE: Department of Physics and Earth Sciences</b> Parco Area delle Scienze, 7/A – 43124 PARMA, ITALY		
<b>Oral Exam topics</b>	The Oral Exam will focus on the description of the research work carried out to prepare the Graduation Thesis for the Laurea Magistrale/Specialistica, as well as of the research project that the candidate proposes to carry out within the research topics of the Research Doctorate Program in Physics at the Department of Physics and Earth Sciences of the University of Parma.		

<b>CIVIL ENGINEERING AND ARCHITECTURE</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Andrea Carpinteri – Department of Civil and Environmental Engineering and Architecture E-mail: <a href="mailto:andrea.carpinteri@unipr.it">andrea.carpinteri@unipr.it</a> (e <a href="mailto:sabrina.vantadori@unipr.it">sabrina.vantadori@unipr.it</a> )	
<b>Research Topics:</b>	<ul style="list-style-type: none"> <li>• Infrastructure and Environmental Engineering</li> <li>• Structural and Geotechnical Engineering</li> <li>• Architecture and Urban Planning</li> </ul> <p>In the application to participate in the competitive examination, candidates shall specify only ONE topic which the written exam will deal with. The above choice shall be binding, in case of admission to the doctorate program, with regard to the winner's research activity.</p>	
<b>Training objectives</b>	To develop specialized skills in the following fields: (1) civil infrastructures for transport; survey, management, and analysis of land data, control and monitoring of displacements and deformations at all scales; issues related to surface waters and groundwaters; (2) mechanical behaviour of materials, structural components and structures; behaviour of soils and geotechnical structures; (3) theoretical, formal, distributional and functional aspects in architecture; the problems related to methods for survey and to computer-graphics in architecture; issues related to the implementation and the development of urban settlements; historical, artistic, technical and aesthetic themes in the architecture of the past.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	4	
<b>Without scholarship</b>	1	
<b>TOTAL</b>	<b>5</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	Co-funded by Fondazione Cariparma
<b>Admission procedures</b>	<p><b>Assessment of QUALIFICATIONS:</b> up to 60 points a minimum score of 10 points shall be required to be admitted to the Written Exam</p> <p><b>WRITTEN EXAM:</b> up to 60 points</p> <p><b>Minimum score for ELIGIBILITY:</b> 70/120</p>	

<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis <b>(mandatory qualification)</b>	Up to 5 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 35 points
	<b>Research Project</b>	Instructions: The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 5 points
	<b>Scientific publications</b>	Including abstracts and/or papers presented at conventions or meetings	Up to 10 points
	<b>Other qualifications</b>	Awarding of scholarships, prizes	Up to 5 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Written Exam: <b>ENGLISH</b> Fluency in the English language will be verified in writing and will consist in the translation of a scientific text.		
<b>Schedule of the admission exam</b>	<b>WRITTEN EXAM DATE:</b> 24 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> Department of Civil and Environmental Engineering and Architecture Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY		

<b>INDUSTRIAL ENGINEERING</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Agostino Gambarotta – Department of Industrial Engineering E-mail: <a href="mailto:agostino.gambarotta@unipr.it">agostino.gambarotta@unipr.it</a>	
<b>Training objectives</b>	The course of PhD in Industrial Engineering aims to provide participants with an in-depth concerning the themes developed in order to arrive at a cultural training is suitable for insertion into a productive industrial units, both in an organization (public or private) development and scientific research. The PhD research aims to study the `digital techniques, analytical and experimental able to make the PhD suited to dealing with any issue` s Scientific and Technical Industrial Engineering, with managerial and organizational capability can provide autonomy in work and readiness for inclusion in a collaborative environment with other researchers and practitioners, or institutions or companies. The internationalization phase expected in the three-year curriculum allows forming relationships with other foreign, providing the PhD another tool to get into a scientific context not only limited to national borders.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	7	
<b>Reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>	3	
<b>TOTAL</b>	<b>10</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	2	Funded by Ask Industries SpA
	1	Funded by SUPSI - University of Applied Sciences and Arts of Southern Switzerland
	1	Co-funded by Fondazione Cariparma
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Positions reserved to employees of:</b>
	1	GlaxoSmithkline Manufacturing SpA
	1	Colorobbia Italia SpA
	1	SUPSI - University of Applied Sciences and Arts of Southern Switzerland
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 80 points a minimum score of 30 points shall be required to be admitted to the Exams <b>ORAL EXAM:</b> up to 40 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	

<p><b>Interview via teleconference for candidates residing abroad</b></p>	<p>THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE</u> FOR CANDIDATES RESIDING ABROAD.          THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.          (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<p><b>List of QUALIFICATIONS to be submitted and their assessment</b></p>	<p><b>Graduation thesis</b></p>	<p>Abstract of the graduation thesis  <b>(mandatory qualification)</b></p>	<p>Up to 15 points</p>
	<p><b>Curriculum Vitae et studiorum</b></p>	<p>Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b></p>	<p>Up to 30 points</p>
	<p><b>Research Project</b></p>	<p>Instructions: The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u></p>	<p>Up to 20 points</p>
	<p><b>Statement of Research Interest</b></p>	<p>Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests</p>	<p>Up to 5 points</p>
	<p><b>Scientific publications</b></p>	<p>Articles in national and international journals, papers presented at national and international conferences, book chapters, etc..</p>	<p>Up to 10 points</p>
<p><b>Foreign language</b></p>	<p>Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>.          This assessment will be oral and will consist in translating a scientific text.</p>		
<p><b>Schedule of the admission exams</b></p>	<p><b>ORAL EXAM DATE:</b> 25 settembre 2014  <b>TIME:</b> 10:00 pm  <b>PLACE:</b> Department of Industrial Engineering          Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY</p>		

<b>MOLECULAR MEDICINE</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Luciano Polonelli – Department of Biomedical, Biotechnological and Translational Sciences – S.Bi.BiT. E-mail: <a href="mailto:luciano.polonelli@unipr.it">luciano.polonelli@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Histology and Embryology</li> <li>• Microbiology</li> <li>• Biochemistry</li> <li>• Dentistry</li> <li>• Oncology</li> <li>• Cardiology</li> <li>• Oftalmology</li> </ul>	
<b>Training objectives</b>	The objectives of the PhD Course in Molecular Medicine are to provide Students the best intellectual and technological opportunities for the ideation and realization of advanced research projects within the specific scientific disciplines. Following the cultural formation and methodological experience gained, it is expected that the Research Doctors in Molecular Medicine can aspire to occupy senior positions in Universities, Research Centers and in companies operating in the medical, biological and biotechnological fields.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	7	
<b>Without scholarship</b>	2	
<b>TOTAL</b>	<b>9</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	2	Funding provided by the Azienda Ospedaliero-Universitaria [NHS-University Hospital] of Parma to the S.Bi.BiT. Department
	1	Co-funded by Fondazione Cariparma
	1	Funded by S.Bi.BiT. Department
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 60 points a minimum score of 10 points shall be required to be admitted to the Oral Exam <b>ORAL EXAM:</b> up to 60 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	



<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 15 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 25 points
	<b>Scientific publications</b>	Articles on Italian and foreign journals, chapters of books, abstracts presented at conventions, meetings, etc.	Up to 10 points
	<b>Other qualifications</b>	Awarding of Scholarships, prizes, etc.	Up to 10 points
<b>Foreign language</b>	Language the fluency in which will be assessed during the Oral Exam by reading and translating a text: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 29 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> classroom of the General Pathology Unit – Building D – Biotechnological Complex Via Volturno, 39 – 43125 PARMA, ITALY		
<b>Oral Exam topics</b>	The Oral Exam will focus on the discussion of the candidate's graduation thesis and of a topic relating to the research topic chosen with a question selected randomly by the candidate. For foreign candidates, the Oral Exam may be held in English at the candidate's choice.		

<b>NEUROSCIENCE</b>	
<b>Cycle</b>	<b>XXX</b>
<b>Duration</b>	3 years
<b>Partner Universities</b>	University of Modena and Reggio Emilia
<b>Supervisor</b>	Prof. Vittorio Gallese – Department of Neurosciences E-mail: <a href="mailto:vittorio.gallese@unipr.it">vittorio.gallese@unipr.it</a>
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>- Study of the central nervous system in rodents, non-human primates and humans, by means of neuroanatomy, neuropharmacology, molecular biology, electrophysiology and behavioral techniques and brain imaging.</li> <li>- Study of cognition, with particular interest in social cognition in rodents, non-human primates and humans, through the use of techniques of molecular biology, neurochemistry, neuropharmacology, neuroanatomy, behavioral techniques, and recording of single neurons in the animal model and brain activity in humans using brain imaging techniques and stimulation of brain activity.</li> <li>- Study of the neural correlates of psychiatric and neurological disorders such as dementia, epilepsy, sleep disorders, autism spectrum syndrome, schizophrenia and drug addiction.</li> <li>- Acoustic communication in bony fishes of fresh and brackish water</li> <li>- Development of behavior in the house mouse (<i>Mus musculus domesticus</i>): Effects of environmental pollutants with hormonal activity (endocrine disruptors) and steroid hormones</li> <li>- Animal models of psychopathology: genetic (molecular polymorphisms, KO mice) and environmental (development, chronic social stress) bases of anxiety, depression and metabolic disorders.</li> <li>- The behavior of the domestic dog and its relationship with man: attachment, social cognition, temperament and well-being.</li> <li>- Psychobiological and ethological analysis of agonistic human behavior in different sports.</li> <li>- Behavioral analysis of sexual dysfunction in human patients and in animal models</li> </ul>
<b>Training objectives</b>	<p>The aim of the PhD Program in Neurosciences is to train researchers with a global and interdisciplinary vision of the various aspects of neuroscience and behavioral sciences, providing a high degree of research specialization in these areas. A parallel aim is to give a multi-disciplinary training in order to give a unitary view of the problems that the PhD in Neurosciences will deal with in his/her work practice. The specific training is obtained by associating the PhD student with a research group where the student will learn the research techniques and theoretical aspects of the chosen research field. The multi-disciplinary part of the training will be carried out both on a personal basis and through different types of integrated teaching activities about the problems and research techniques specific to the different branches present in the Doctoral School (molecular modeling, molecular neurobiology, neuroanatomy, neurochemistry, neuropharmacology, neurophysiology, cognitive neuroscience, behavioral science and cognitive psychology). A further aim of the Doctoral School is to include the student in a network of relationships and exchanges between the participating groups and top national and international research and</p>

	educational Institutes. A training period in foreign laboratories is highly encouraged.		
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent		
<b>Positions put out to competition</b>			
<b>With scholarship</b>	6		
<b>TOTAL</b>	<b>6</b>		
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	<b>2</b>	Scholarships of the University of Parma	
	<b>3</b>	Funded by the University of Modena and Reggio Emilia	
	<b>1</b>	Co-funded by Fondazione Cariparma	
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS: up to 35 points</b> <b>WRITTEN EXAM: up to 35 points</b> <b>ORAL EXAM: up to 50 points</b>  <b>Minimum score for ELIGIBILITY: 70/120</b>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis <b>(mandatory qualification)</b>	Up to 4 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 15 points
	<b>Research Project</b>	Instructions: The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 4 points
	<b>Scientific publications</b>	Including abstracts and/or papers presented at conventions or meetings on topics relevant for the Doctorate in Neurosciences	Up to 8 points
	<b>Other qualifications</b>	Clinical specialty Experience abroad.	Up to 4 points

<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b> . The language assessment will be oral and will consist in reading and translating orally a passage from a scientific article.
<b>Schedule of the admission exams</b>	<p><b>WRITTEN EXAM DATE:</b> 24 September 2014  <b>TIME:</b> 10:00am  <b>PLACE:</b> Department of Neurosciences – Physiology Section  Via Volturmo, 39 – 43125 PARMA, ITALY</p> <p><b>ORAL EXAM DATE:</b> 24 September 2014  <b>TIME:</b> 4:00pm  <b>PLACE:</b> Department of Neurosciences – Physiology Section  Via Volturmo, 39 – 43125 PARMA, ITALY</p>
<b>Written Exam topics</b>	<p>The Written Exam for the topics pertaining to <u>Neurosciences</u> will consist of a written essay on one of the following topics:</p> <ol style="list-style-type: none"> <li>1) The genesis of the nervous impulse;</li> <li>2) synapsis;</li> <li>3) reflexes;</li> <li>4) molecular and cellular bases of signal transduction;</li> <li>5) the motor system;</li> <li>6) the visual system;</li> <li>7) the somatosensory system;</li> <li>8) neurobiology of language;</li> <li>9) neurobiology of attention;</li> <li>10) memory and learning.</li> </ol> <p>The Written Exam for the topics pertaining to <u>Biology of Behaviour</u> will consist of a written essay?? on one of the following topics:</p> <ol style="list-style-type: none"> <li>1) Individual and social learning;</li> <li>2) Imprinting and behaviour development;</li> <li>3) Genetics and epigenetics of behaviour;</li> <li>4) Parental investment and sexual selection;</li> <li>5) Social behaviour, reproductive systems and parental care;</li> <li>6) Aggressiveness and aggression and social hierarchies;</li> <li>7) Hormones, neurotransmitters and behaviour;</li> <li>8) Kin selection and altruism;</li> <li>9) Evolution of behaviour;</li> <li>10) Communication and emotions.</li> </ol> <p>At the beginning of the exam (which will have a maximum duration of three hours) two topics relating to Neurosciences and two topics relating to Biology of Behaviour will be selected randomly from those listed above, allowing candidates to choose one for their exam</p>
<b>Oral Exam topics</b>	The Oral Exam will focus on the Written Exam essay, on a brief presentation by the candidate of his/her research project and on the discussion of the candidate's reasons to attend the Doctorate Program in Neurosciences and of his/her specific research interests.
<b>OTHER INFORMATION</b>	For foreign candidates, the Oral Exam may be held in English at the candidate's choice.

<b>PSYCHOLOGY</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Luisa Maria Emilia Edoarda Molinari – Department of Humanities, Arts, History and Society E-mail: <a href="mailto:luisa.molinari@unipr.it">luisa.molinari@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Basic psychological processes</li> <li>• Psychosocial processes in complex societies</li> <li>• Communication processes in welfare contexts</li> <li>• Learning and educational processes in normal and atypical contexts</li> <li>• Clinical and psychopathological intervention</li> </ul>	
<b>Training objectives</b>	Training researchers to be able to project and realize studies in basic or applied psychology, with a special emphasis on social, educational and health contexts.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	1	
<b>Without scholarship</b>	1	
<b>Covered by High Internship and Research Agreements</b>	2	
<b>Reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>	1	
<b>TOTAL</b>	<b>5</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	1	Co-funded by Fondazione Cariparma
<b>Positions covered by High Internship and Research Agreements</b>	<b>No.</b>	<b>Position covered by Internship Agreements with:</b>
	2	TICE Cooperativa Sociale
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Position reserved to employees of:</b>
	1	CIAC Onlus
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 30 points <b>WRITTEN EXAM:</b> up to 60 points <b>ORAL EXAM:</b> up to 30 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	

<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis <b>(mandatory qualification)</b>	Up to 5 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 15 points
	<b>Scientific publications</b>	Articles published in journals, monographs, essays, papers at conventions	Up to 10 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exams</b>	<b>WRITTEN EXAM DATE:</b> 22 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> Room G – Polo Didattico – Via del Prato – 43121 PARMA, ITALY  <b>ORAL EXAM DATE:</b> 24 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> Room G – Polo Didattico – Via del Prato – 43121 PARMA, ITALY		

<b>MATERIALS SCIENCE AND TECHNOLOGY</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Partner Entities</b>	The Italian The National Research Council -CNR (Istituto IMEM of Parma, Istituto IMAMOTER of Ferrara and Istituto ISTECC of Faenza)	
<b>Supervisor</b>	Prof. Enrico Dalcanale – Department of Chemistry E-mail: <a href="mailto:enrico.dalcanale@unipr.it">enrico.dalcanale@unipr.it</a>	
<b>Research Topics</b>	<ol style="list-style-type: none"> <li>1) Photovoltaic devices</li> <li>2) Functional materials</li> <li>3) Strongly correlated systems</li> <li>4) Nanodiagnostics</li> <li>5) Nanostructured materials</li> <li>6) Supramolecular sensors and devices</li> <li>7) Semiconductive massive crystals</li> <li>8) Low dimensionality semiconductive structures</li> <li>9) Self-assembled polymers</li> <li>10) Surface supported molecular materials</li> </ol>	
<b>Training objectives</b>	<p>The PhD program in Materials Science aims at the preparation of PhDs equipped with strong scientific background and wide research experience in materials science.</p> <p>Enrollment is open to MS laureates in Materials Science, Chemistry, Physics, Industrial Chemistry, Engineering and Biological Sciences.</p> <p>The Board of teaching offers and organizes courses and seminars in different scientific areas, with particular focus on all aspects of materials science (synthesis, characterization, functions and devices). The PhD program offers an interdisciplinary preparation through research activity, also in collaboration with foreign Institutions.</p>	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	<b>7</b>	
<b>Without scholarship</b>	<b>1</b>	
<b>Reserved to Research Fellowship arrangements</b>	<b>1</b>	
<b>TOTAL</b>	<b>9</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>2</b>	Scholarships of the University of Parma
	<b>1</b>	MIUR Scholarship "Fondo Giovani" on the topic "Advanced Materials (specifically ceramic ones) for structural applications"
	<b>1</b>	Funded by UniCredit Banca
	<b>3</b>	Funded by the Italian National Research Council - CNR
<b>Positions reserved to Research Fellowship arrangements</b>	<b>No.</b>	
	<b>1</b>	<b>Research Fellowship arrangements</b>

<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS: up to 50 points</b> <b>ORAL EXAM: up to 70 points</b>  <b>Minimum score for ELIGIBILITY: 70/120</b>		
<b>Interview via teleconference for candidates residing abroad</b>	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD  VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD.  THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.  (the relevant request shall be submitted using the form attached to the  competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 12 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 20 points
	<b>Statement of Research Interest</b>	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 10 points
	<b>Scientific publications</b>	Articles and reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 5 points
	<b>Reference letters</b>	a maximum of 2 written by persons in charge of research/tutoring activities	Up to 3 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE: 26 September 2014</b> <b>TIME: 10:00am</b> <b>PLACE: IMEM CNR - Parco Area delle Scienze 37/A – 43124 PARMA, ITALY</b>		



<b>CHEMICAL SCIENCES</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Roberto Cammi – Department of Chemistry E-mail: <a href="mailto:roberto.cammi@unipr.it">roberto.cammi@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Innovative syntheses for environment protection.</li> <li>• Organic-inorganic hybrid nanosystems for biomedical applications.</li> <li>• Molecular materials for electronics and photonics</li> <li>• Synthesis of porous systems for the inclusion of molecules and ions.</li> <li>• Innovative analytical methods for food safety</li> </ul>	
<b>Training objectives</b>	The training program aims to provide to the PhD. in Chemical Sciences the skills necessary for managing advanced research projects in the fields of analytical chemistry, general and inorganic chemistry, physical chemistry, industrial chemistry, and organic chemistry. The Doctorate of Chemical Sciences requires each student to operate within one of the research groups at the Department of Chemistry, and to follow a specific training program within the chosen sector, also through participation to research activities in other qualified centers in Italy and abroad, attendance of national and international schools and conferences, and through the publication of the scientific results achieved on international journals. There will also be interdisciplinary educational activities aimed to develop the ability of PhD students to explain, discuss, disclose the subject of their work both in academic and industrial environments and also more generally in society.	
<b>Academic degree required</b>	"Laurea Magistrale" belonging to Classes LM-6, LM-7, LM-8, LM-9, LM-11, LM-13, LM-17, LM-22, LM-53, LM-54, LM-70, LM-71, LMR/02 or "Laurea Specialistica" belonging to Classes 6/S, 7/S, 8/S, 9/S, 12/S, 14/S, 20/S, 27/S, 61/S, 62/S, 78/S, 81/S, as well as the equivalent "laurea specialistica" or "laurea" achieved based on the university system in force before the entry into force of Italian Ministerial Decree No. 509/99, or equivalent academic degree achieved abroad.	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	6	
<b>TOTAL</b>	6	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	MIUR Scholarship "Fondo Giovani" on the topic "Revival of the Pharmaceutical Industry also through fine chemistry of natural compounds for new diagnostic applications and new active ingredients"
	1	Funded by the Department of Chemistry
	1	Co-funded by Fondazione Cariparma

<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS: up to 40 points</b> <b>ORAL EXAM: up to 80 points</b>  <b>Minimum score for ELIGIBILITY: 70/120</b>		
<b>Interview via teleconference for candidates residing abroad</b>	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE</u> FOR CANDIDATES RESIDING ABROAD.  (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Relevance of the graduation thesis - or of the Abstract of the graduation thesis for graduand candidates - to the research topics of the Doctorate Program <b>(mandatory qualification)</b>	Up to 15 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 15 points
	<b>Scientific publications</b>	Articles published in scientific journals with referee, Papers presented at conventions or meetings	Up to 5 points
	<b>Other securities</b>	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 5 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 24 September 2014 <b>TIME:</b> 9:30am <b>PLACE:</b> "Sala Ferrari" of the Department of Chemistry Parco Area delle Scienze, 17/A – 43124 PARMA, ITALY		
<b>Oral Exam topics</b>	The Oral Exam will be held in Italian or in English for foreign candidates. It will consist in a discussion on the qualifications submitted by the candidate, as well as in the assessment of his/her scientific background and research designing skills. The candidate's fluency in English will be assessed in terms of comprehension of scientific texts.		

<b>SURGICAL SCIENCES AND APPLIED MICROBIOLOGY</b>	
<b>Cycle</b>	<b>XXX</b>
<b>Duration</b>	3 years
<b>Supervisor</b>	Prof. Luigi Roncoroni – Department of Surgical Sciences E-mail: <a href="mailto:luigi.roncoroni@unipr.it">luigi.roncoroni@unipr.it</a>
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• New surgical technologies and associated risks of infection. Minimally invasive surgery and advanced laparoscopy. Synthetic and biological prosthesis materials</li> <li>• Design and management of patient-specific three-dimensional virtual models on a CAT scan basis (“computer assisted radiology and surgery”), in the simulation, design and surgical phases</li> <li>• Risk factors for chronic pain after traditional versus laparoscopic surgery</li> <li>• Stem cells in the treatment of knee and ankle arthrosis and of chronic skin ulcers</li> <li>• New devices for local treatment of pleural malignant mesothelioma and pleural infection risk</li> <li>• Surgical treatment of aneurysms with micro-organisms colonization and infection complications in reconstructive vascular surgery</li> <li>• Interventional radiology and advanced laparoscopic surgery</li> <li>• Art-reat: specific computational model to improve the quality of prediction for atherosclerosis</li> <li>• Immune-resistant infections in after-surgery intensive care and algorithms for early treatment of sepsis</li> <li>• Diagnosis and therapies of endocarditis: clinical and microbiological implications</li> <li>• Study of the virus-cell relationships with regard to the cytoskeleton and to the viral genome regulation</li> <li>• Molecular approaches for the characterization and identification of Spirochaetes that are pathogen for humans</li> <li>• Innovative and molecular approaches for the study of malaria Plasmodia</li> <li>• Study of cellular compartmentalization of viral proteins and functional proteomics</li> <li>• Medical-surgical treatment of chronic otitis media. Cochlear implant: surgery and treatment of complications</li> <li>• Study of the evolutionary mechanisms of enteric viruses: the role of genetic and antigenic diversity in the virus-host relationships and their diagnostic and vaccine implications</li> </ul>
<b>Training objectives</b>	<p>This Doctorate Program aims at providing students with skills to carry out high-level research activities at public and private facilities, shall be qualifying also with regard to self-employed medical practice and shall contribute to the European High Education and Research Area. The skills acquired during the Doctorate Program and the research results are meant to enrich the scientific sectors relevant for the Program. The integrated study of advanced surgical and anaesthesiological technologies, of synthetic and biological prosthesis materials that are continuously evolving and the use of stem cells have the objective of acquiring new knowledge in the field of physiology and pathogenic action of emerging and/or re-emerging infection agents. Similarly, new knowledge and use of state-of-the-art technologies in the microbiological field aim at identifying the surgical procedures showing lower risk of infection.</p>

<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent		
<b>Positions put out to competition</b>			
<b>With scholarship</b>	<b>4</b>		
<b>Without scholarship</b>	<b>1</b>		
<b>Reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>	<b>1</b>		
<b>TOTAL</b>	<b>6</b>		
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	<b>2</b>	Funded by the Department of Surgical Sciences	
	<b>1</b>	Funded by the Department of Surgical Sciences of the funds made available by LILT - Section of Parma	
	<b>1</b>	Co-funded by Fondazione Cariparma	
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Position reserved to employees of:</b>	
	<b>1</b>	H&D s.r.l.	
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 40 points <b>ORAL EXAM:</b> up to 80 points  <b>Minimum score for ELIGIBILITY:</b> 70/120		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 10 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 10 points
	<b>Research Project</b>	The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 20 points

<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH and/or FRENCH</b>
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 22 September 2014 <b>TIME:</b> 4:00pm <b>PLACE:</b> Multimedia Classroom of the Department of Surgical Sciences Via A. Gramsci, 14 – 43126 PARMA, ITALY

<b>FOOD SCIENCES</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Furio Brighenti – Department of Food Sciences E-mail: <a href="mailto:furio.brighenti@unipr.it">furio.brighenti@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Food Chemistry</li> <li>• Food Microbiology</li> <li>• Food Technologies</li> <li>• Human Nutrition</li> <li>• Crop Productions</li> <li>• Agri-food Economics</li> <li>• Food Safety</li> <li>• Animal Productions</li> </ul>	
<b>Training objectives</b>	Acquisition of the theoretical and experimental knowledge to interpret the innovation needs and to contribute to the food sector development, from a multidisciplinary perspective (chemistry, agronomy, food microbiology, food technology, sensory analysis, nutrition, marketing and food safety).	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	5	
<b>Without scholarship</b>	2	
<b>Reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>	1	
<b>TOTAL</b>	<b>8</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>3</b>	Scholarships of the University of Parma
	<b>1</b>	MIUR Scholarship "Fondo Giovani" on the topic "Enhancement of agri-food typical products and food safety through new systems for characterization quality assurance"
	<b>1</b>	Co-funded by Fondazione Cariparma
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Position reserved to employees of:</b>
	<b>1</b>	Liodry Foods s.r.l.
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 30 points <b>ORAL EXAM:</b> up to 90 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	

<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis <b>(mandatory qualification)</b>	Up to 10 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark <b>(mandatory qualification)</b>	Up to 8 points
	<b>Statement of Research Interest</b>	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 5 points
	<b>Scientific publications</b>	including abstracts and/or papers presented at conventions or meetings, articles in domestic and international journals, chapters of books circulating nationally and internationally	Up to 5 points
	<b>Reference letters</b>	a maximum of <b>2</b> written by University Teachers, Researchers, Heads of Italian and foreign Research Centers	Up to 2 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 23 September 2014: <b>TIME:</b> 9:30am <b>PLACE:</b> CLASSROOM C – Department of Food Sciences Parco Area delle Scienze, 59/A – 43124 PARMA, ITALY		
<b>Oral Exam topics</b>	The Oral Exam will consist in a critical reading of sector-specific scientific literature. Candidates will be provided with a series of sector-specific published papers and with an evaluation sheet to be completed. The interview will focus on the arguments of the scientific paper chosen by each candidate. For foreign candidates, the Oral Exam may be held in English at the candidate's choice.		

<b>DRUGS, BIOMOLECULES AND HEALTH PRODUCTS</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Professor Marco Mor – Department of Pharmacy E-mail: <a href="mailto:marco.mor@unipr.it">marco.mor@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Biochemistry and Molecular Biology</li> <li>• Biopharmaceutics - Pharmacokinetics</li> <li>• Experimental Pharmacology and Toxicology</li> <li>• Design and Synthesis of Bioactive Compounds</li> </ul>	
<b>Training objectives</b>	<p>The PhD programme "Drugs, Biomolecules and Health Products" is aimed at the preparation of "Dottori di ricerca" having scientific bases and research experience in the design, discovery, development, production and control of drugs and health products, as well as in the investigation of mechanisms of action for drugs and biomolecules. The Board of teaching offers and organizes courses and seminars in different scientific areas, with particular focus on medicinal chemistry, pharmaceutical chemistry, pharmacology and biochemistry. Contributions from different areas, such as biophysics and biomedicalveterinary, are also included, which can be relevant for the world of drugs, biomolecules and health products. The research project of every PhD student has to be consistent with a research line included in one of the four major areas covered by the programme: 1) design and synthesis of bioactive compounds; 2) biopharmaceutics and pharmacokinetics; 3) experimental pharmacology and toxicology; 4) biochemistry, biophysics and molecular biology.</p>	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	6	
<b>Without scholarship</b>	2	
<b>TOTAL</b>	<b>8</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>3</b>	Scholarships of the University of Parma
	<b>1</b>	MIUR Scholarship "Fondo Giovani" on he topic "Revival of the Pharmaceutical Industry also through fine chemistry of natural compounds for new diagnostic applications and new active ingredients"
	<b>1</b>	Funded by the Department of Pharmacy
	<b>1</b>	Co-funded by Fondazione Cariparma



<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 40 points <b>ORAL EXAM:</b> up to 80 points  <b>Minimum score for ELIGIBILITY:</b> 70/120		
<b>Interview via teleconference for candidates residing abroad</b>	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE</u> FOR CANDIDATES RESIDING ABROAD:  (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 5 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 25 points
	<b>Scientific publications</b>	Articles in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 5 points
	<b>Other qualifications</b>	Second-level Master's degrees, prizes and awards	Up to 5 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 29 September 2014 <b>TIME:</b> 9:30am <b>PLACE:</b> Department of Pharmacy Parco Area delle Scienze, 27/A – 43124 PARMA, ITALY		
<b>Oral Exam topics</b>	For foreign candidates, the Oral Exam will be held in Italian or in English, at the candidate's choice.		

<b>EARTH SCIENCES</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Fulvio Celico – “Macedonio Melloni” Department of Physics and Earth Sciences E-mail: <a href="mailto:fulvio.celico@unipr.it">fulvio.celico@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Micropaleontology</li> <li>• Stratigraphic Geology</li> <li>• Structural Geology</li> <li>• Applied Geomorphology</li> <li>• Hydrogeology</li> <li>• Mineralogy</li> <li>• Petrology</li> <li>• Applied Geophysics</li> </ul> <p>More information can be found on the web page: <a href="http://dottscienzeterra.unipr.it/">http://dottscienzeterra.unipr.it/</a></p>	
<b>Training objectives</b>	The PhD in Earth Sciences is established as a unifying element of the third-level University education in the Earth Sciences' area. The PhD students will spend their time in attending advanced courses as well as carrying out experimental activities, in Italy and abroad. Some research topics have important applications in those fields that are of interest of several public Authorities and/or private Companies. Therefore, the PhD students will carry out activities that open carriers in academic institutions and research laboratories, as well as in professional areas.	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	<b>6</b>	
<b>TOTAL</b>	<b>6</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>1</b>	Scholarships of the University of Parma
	<b>1</b>	MIUR Scholarship “Fondo Giovani” on the topic “Advanced Materials (specifically ceramic ones) for structural applications”
	<b>3</b>	Funded by the “Macedonio Melloni” Department of Physics and Earth Sciences
	<b>1</b>	Funded by UniCredit Banca
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 40 points <b>ORAL EXAM:</b> up to 80 points  <b>Minimum score for ELIGIBILITY:</b> 70/120	

<b>Interview via teleconference for candidates residing abroad</b>	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD  <u>VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD</u>          THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.          (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 10 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 10 points
	<b>Other qualifications</b>	For example: publications, prizes, papers at Conventions, internships, postgraduate scholarships, research projects pertaining to the research topics as per this Announcement.	Up to 20 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>		
<b>Schedule of the admission exam</b>	<p><b>ORAL EXAM DATE:</b> 29 September 2014  <b>TIME:</b> starting from 9:00am in accordance with the schedule to be published          on the website of the Department of Physics and Earth Sciences  <a href="http://dottscienzetera.unipr.it/">http://dottscienzetera.unipr.it/</a>  <b>PLACE:</b> Department of Physics and Earth Sciences          Parco Area delle Scienze, 157/A – 43124 PARMA, ITALY</p>		
<b>Oral Exam topics</b>	The Oral Exam will be structured so as to verify the candidates' background and maturity, with specific focus on their Laurea Graduation Thesis, on the research topics listed herein and on the research project, where any, submitted by the candidates.		

PHILOLOGICAL-LITERARY, HISTORICAL-PHILOSOPHICA AND ARTISTIC STUDIES	
<b>Cycle</b>	XXX
<b>Duration</b>	3 years
<b>Supervisor</b>	Prof. Beatrice Centi – Department of Classical Antiquity, Languages, Education, Philosophy E-mail: <a href="mailto:beatrice.centi@unipr.it">beatrice.centi@unipr.it</a>
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Greek and Latin Philology (and success of the Classics)</li> <li>• Philosophy</li> <li>• Italian Studies and Medieval and Modern Languages and Literatures</li> <li>• History</li> <li>• History of Arts and Entertainment</li> </ul>
<b>Training objectives</b>	<p>The doctoral course aims to provide both a sound cultural formation and the methodological skills that are necessary for carrying out research in a specific thematic area. Doctoral students will develop skills to pursue an original research project and to elaborate a highly qualified critical study in the form of a final doctoral dissertation.</p> <p>The thematic area of Greek and Latin Philology (and Reception Studies) aims to deepen the linguistic, literary and philological skills of the doctoral students and particularly to train them in academic research towards the development of a scientific study, particularly in the form of a critical edition, commentary or essay concerning the texts of ancient literatures (Greek and Latin) and those works of the modern and contemporary age that attest their reception.</p> <p>The thematic area of Philosophy aims to deepen both logical and critical skills of the doctoral students and their knowledge of the history of philosophy. Doctoral students will be qualified to carry out research projects requiring conceptual analysis, historical and philological competence, ability in developing argumentations, in the fields of moral and theoretical philosophy, in aesthetics, logic and the history of medieval, modern and contemporary philosophy.</p> <p>The thematic area of Italian Studies and medieval and modern Languages and Literatures aims to develop researchers who are competent in linguistics and philology, as well as in the theory of literature. They will be able to edit critical and commented editions of the texts of Romance and Italian literature, and to carry out innovative historical-literary and thematic analyses in various chronological areas.</p> <p>The thematic area of History aims to form capable scholars in the field of the historical sciences. Its teaching programme aims to address students towards active research and to help them to develop the appropriate technical and methodological abilities. These abilities vary according to the various branches of historical research, which spans from ancient to contemporary history.</p> <p>In the thematic area of the History of Art and History of Spectacle doctoral students are required to develop critical tools to be able to deal with research in the history of medieval art, or modern art or contemporary art, but also in the fields of theatre history and the history of cinema. Doctoral candidates will acquire skills in reconstructing critical debates, reading different available sources and especially applying the tools for a philological reading of the image..</p>
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent

<b>Positions put out to competition</b>			
<b>With scholarship</b>		6	
<b>TOTAL</b>		<b>6</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	4	Scholarships of the University of Parma	
	1	Funded by UniCredit Banca	
	1	Co-funded by Fondazione Cariparma	
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 70 points a minimum score of 20 points shall be required to be admitted to the Oral Exam <b>ORAL EXAM:</b> up to 50 points  <b>Minimum score for ELIGIBILITY:</b> 70/120		
<b>Interview via teleconference for candidates residing abroad</b>	THE ORAL EXAM MAY BE HELD VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD. THE INTERVIEW MAY BE HELD ALSO IN ENGLISH. (the relevant request shall be submitted using the form attached to the competitive examination announcement)		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Submittal of the full Graduation Thesis in PDF format (or, for graduands, the Abstracts of the graduation thesis) ( <b>mandatory qualification</b> )	Up to 20 points
	<b>Class of academic degrees pertaining to the Doctorate Program topics</b>		5 points
	<b>Value of the graduation score:</b>	with honours 107-110 103-106 99-102	8 points 7 points 6 points 5 points
	<b>Value of the average of exam marks (for students that will graduate by 31 October 2014)</b>	Average 30 Average 29 Average 28 Average 27	8 points 7 points 6 points 5 points
	<b>Research Project</b>	A maximum of 10 pages including references, written in Italian or in English. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 17 points
	<b>Scientific publications</b>	Monographs, articles in scientific journals, chapters of books, convention papers, reviews	Up to 10 points
	<b>Other qualifications</b>	Scholarships, stays abroad for study purposes, prizes	Up to 10 points

<b>Foreign language</b>	At the oral exam, the candidate's fluency in one of the following languages, at the candidate's choice, will be assessed through the translation of a short passage: <b>FRENCH, ENGLISH, GERMAN.</b>
<b>Schedule of the admission exam</b>	<b>ORAL EXAM DATE:</b> 23 September 2014 <b>TIME:</b> 9:00am <b>PLACE:</b> former Dean's Room of the centre at Via D'Azeglio, 85 43125 PARMA, ITALY
<b>Oral Exam topics</b>	The Oral Exam will focus on the discussion of the reseach project and on the methods that are specific for the chosen topic.

<b>MEDICAL SCIENCES</b>	
<b>Cycle</b>	<b>XXX</b>
<b>Duration</b>	3 years
<b>Supervisor</b>	Prof. Antonio Mutti – Department of Clinical and Experimental Medicine E-mail: <a href="mailto:antonio.mutti@unipr.it">antonio.mutti@unipr.it</a>
<b>Research Topics</b>	<ol style="list-style-type: none"> <li>1. Translational research in the induction of specific tolerance to organ transplants and bone marrow</li> <li>2. Development of non-invasive methods for the early diagnosis of chronic degenerative diseases and cancer</li> <li>3. Morphology-function in pulmonary disease and implications for clinical management and pharmacological approach</li> <li>4. Pathophysiology of multiple myeloma and study of the molecular mechanism of action of new anti myeloma agents</li> <li>5. Studies on a new class of hypoglycemic drugs with presumed anti-inflammatory properties</li> <li>6. Preclinical oncology research on new therapeutic strategies for lung cancer and breast</li> <li>7. Translational research on stem cells in the pathogenesis and therapy of tissue damage and haemato-oncological cancer</li> <li>8. Epidemiological research in the geriatric field, particularly in the elderly endocrine system (InCHIANTI study)</li> <li>9. Identification of new potential markers and cut-off of hormonal and neurogenic sarcopenia (study ULSAM)</li> <li>10. Pathophysiology of renal failure</li> <li>11. Genetic and environmental aspects in vasculitis</li> <li>12. Secondary hyperparathyroidism and vitamin D: risk of cardiovascular disease in patients with chronic renal failure at various stages of severity</li> <li>13. Molecular identification of collagens and inflammatory factors conditioning the progression of renal glomerular disease to renal sclerosis</li> <li>14. Studies of clinical and genetic factors that are associated with the phenotype of renal calculi and studies on primary and secondary prevention</li> <li>15. Studies in vitro, in vivo on the immune system in aging</li> <li>16. Studies in vitro and in vivo on osteometabolic pathology</li> <li>17. Identification of risk factors in the workplace, particularly with regard to exposure to carcinogens</li> <li>18. Cardiovascular prevention</li> <li>19. Organization of integrated health systems</li> </ol>
<b>Training objectives</b>	<p>The Doctoral Program in Medical Sciences aims to develop skills and expertise to facilitate the integration between clinical and epidemiological studies and experimental research in the laboratory. The close link with the clinic allows doctoral students to tackle real problems, ranging from diagnosis to treatment and from prevention to rehabilitation, concerning human disease and care for the sick. The connection between laboratory research and clinical research will allow for a quick transfer to the medical practice of discoveries and methods acquired through experimental studies. The objectives of the PhD include the commitment to bedside clinical or epidemiological studies of populations at-risk, searching the pathophysiological bases of clinical</p>

	<p>conditions, through the systematic verification of the hypothesis of cellular systems. The rapid interchange between application contexts (clinical and laboratory) in its bi-directionality (the laboratory will report the results of clinical and epidemiological research) will at the same time anchor the experimental research on issues that arise from clinical settings and verify hypotheses arising from laboratory research in humans. In addition to a core group of teachers / researchers involved in MED/09 and MED/44, the School Committee can count on a wide range of scientific sectors belonging to the Area 06.</p>		
<b>Academic degree required</b>	<p>Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent</p>		
<b>Positions put out to competition</b>			
<b>With scholarship</b>	8		
<b>Without scholarship</b>	2		
<b>Reserved to Research Fellowship arrangements</b>	1		
<b>TOTAL</b>	<b>11</b>		
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	<b>3</b>	Scholarships of the University of Parma	
	<b>3</b>	Funded by the NHS Local Agency of Parma	
	<b>1</b>	Funded by Azienda Ospedaliera S. Maria Nuova/IRCCS of Reggio Emilia	
	<b>1</b>	Co-funded by Fondazione Cariparma	
<b>Positions reserved to Research Fellowship arrangements</b>	<b>No.</b>		
	<b>1</b>	<b>Research Fellowship arrangements</b>	
<b>Admission procedures</b>	<p><b>Assessment of QUALIFICATIONS:</b> up to 30 points  <b>WRITTEN EXAM:</b> up to 60 points  <b>ORAL EXAM:</b> up to 30 points</p> <p><b>Minimum score for ELIGIBILITY:</b> 70/120</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 5 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career, as well as postgraduate experience, scholarships and prizes, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 20 points
	<b>Scientific publications</b>	Including abstracts and/or papers presented at conventions or meetings	Up to 5 points
<b>Foreign language</b>	<p>Language the fluency of which shall be assessed during the Oral Exam:  <b>ENGLISH</b></p>		



**Schedule of the  
admission exams**

**ORAL EXAM DATE:** 26 September 2014

**TIME:** 10:00am

**PLACE:** Department of Clinical and Experimental Medicine  
Via A. Gramsci, 14 – 43126 PARMA, ITALY

**ORAL EXAM DATE:** 26 September 2014

**TIME:** 4:00pm

**PLACE:** Department of Clinical and Experimental Medicine  
Via A. Gramsci, 14 – 43126 PARMA, ITALY

<b>VETERINARY MEDICAL SCIENCES</b>			
<b>Cycle</b>	<b>XXX</b>		
<b>Duration</b>	3 years		
<b>Supervisor</b>	Prof. Attilio Corradi – Department of Veterinary Medical Sciences E-mail: <a href="mailto:attilio.corradi@unipr.it">attilio.corradi@unipr.it</a>		
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Biopathology Sciences</li> <li>• Clinical Sciences</li> <li>• Basic Sciences</li> <li>• Animal Production Sciences and Technologies</li> <li>• Food Inspection and Public Health</li> </ul>		
<b>Training objectives</b>	The Doctorate Program in Veterinary Medical Sciences has the objective of training scholars to investigate on research topics in basic, pre-clinical, clinical and non-clinical areas (animal production and inspection of animal-based food) using innovative investigation approaches and technologies. Doctoral Students will be allowed to choose the sector in which to develop his/her research and to generate veterinary medicine knowledge from among: VET, AGR and BIO.		
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent		
<b>Positions put out to competition</b>			
<b>With scholarship</b>	5		
<b>Without scholarship</b>	1		
<b>TOTAL</b>	<b>6</b>		
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)	
	<b>3</b>	Scholarships of the University of Parma	
	<b>1</b>	MIUR Scholarship "Fondo Giovani" on the topic "Enhancement of agri-food typical products and food safety through new systems for characterization quality assurance"	
	<b>1</b>	Co-funded by Fondazione Cariparma in memory of " <b>PROF. CARLO GABBI</b> "	
<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 20 points <b>WRITTEN EXAM:</b> up to 20 points <b>ORAL EXAM:</b> up to 80 points  <b>Minimum score for ELIGIBILITY:</b> 70/120		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 5 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the	Up to 2 points

		relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	
	<b>Statement of Research Interest</b>	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 3 points
	<b>Scientific publications</b>	In-scope assessment	Up to 5 points
	<b>Reference letters</b>	a maximum of 2 written by University Teachers, Researchers, Heads of Italian and foreign Research Centers	Up to 5 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Written Exam: <b>ENGLISH</b> , by translating a scientific passage from English to Italian		
<b>Schedule of the admission exams</b>	<p><b>WRITTEN EXAM DATE:</b> 25 September 2014  <b>TIME:</b> 9:00am  <b>PLACE:</b> Department of Veterinary Medical Sciences (CLASSROOM D)  Via del Taglio, 10 - 43126 PARMA, ITALY</p> <p><b>ORAL EXAM DATE:</b> 25 September 2014  <b>TIME:</b> 3:00pm  <b>PLACE:</b> Department of Veterinary Medical Sciences (CLASSROOM D)  Via del Taglio, 10 - 43126 PARMA, ITALY</p>		
<b>Written Exam topics</b>	The Written Exam will consist in a multiple-choice TEST.		
<b>Oral Exam topics</b>	The Oral Exam will consist in an interview on scientific or aptitude topics.		

<b>INFORMATION TECHNOLOGY</b>		
<b>Cycle</b>	<b>XXX</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Marco Locatelli – Department of Information Engineering E-mail: <a href="mailto:marco.locatelli@unipr.it">marco.locatelli@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Electronics instrumentation and electrical drives</li> <li>• Computer systems and automatic control</li> <li>• Telecommunications and electromagnetic fields</li> </ul>	
<b>Training objectives</b>	The course aims at educating the future Ph.D.'s so that they will enter the research world with an active role, within both universities and industries	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	8	
<b>Without scholarship</b>	5	
<b>Reserved to employees of companies having "Industrial Engineering Doctorate" arrangements</b>	1	
<b>TOTAL</b>	<b>14</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>3</b>	Scholarships of the University of Parma
	<b>2</b>	MIUR Scholarships "Fondo Giovani" on topics relating to "Innovative broadband telecommunication systems, also with the use of satellites for differentiated users in safety, prevention and intervention in case of natural disasters" and "Advanced logistics and transport, infomobility of people and goods"
	<b>1</b>	Funded by Vislab s.r.l.
	<b>1</b>	Funded by Kai Kompetenzzentrum Automobil- und Industrieelektronik GmbH
	<b>1</b>	Co-funded by Fondazione Cariparma
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Position reserved to employees of:</b>
	<b>1</b>	TeMec Drive s.r.l.

<b>Admission procedures</b>	<b>Assessment of QUALIFICATIONS:</b> up to 60 points a minimum score of 10 points shall be required to be admitted to the Exams <b>WRITTEN EXAM:</b> up to 40 points <b>ORAL EXAM:</b> up to 20 points  <b>Minimum score for ELIGIBILITY:</b> 70/120		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 2 points
	<b>Curriculum Vitae et studiorum</b>	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	Up to 36 points
	<b>Laurea class</b>	Laurea Magistrale belonging to Classes LM-17, LM-18, LM-23, LM-25, LM-27, LM-28, LM-29, LM-31, LM-32, LM-33, LM-35 e LM-40, as well the equivalent laurea specialistiche or laurea based on the University organization prior to the entry into force of Italian Ministerial Decree No. 509/99	Up to 2 points
	<b>Statement of Research Interest</b>	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 4 points
	<b>Scientific publications and other research products</b>	Books, chapters of books, publications in journals and convention papers, including abstracts and posters, patents	Up to 10 points
	<b>Other qualifications</b>	Prizes, reference letters (for foreign candidates), other qualifications that the Board deems relevant	Up to 6 points
<b>Foreign language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b> with interview on a technical topic.		
<b>Schedule of the admission exams</b>	<b>WRITTEN EXAM DATE:</b> 22 September 2014 <b>TIME:</b> 10:00am <b>PLACE:</b> Department of Information Engineering Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY  <b>ORAL EXAM DATE:</b> 23 September 2014 <b>TIME:</b> 08:30 <b>PLACE:</b> Department of Information Engineering Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY		

**OTHER INDICATIONS**

The admission tests will be held in English at the candidate's choice.