

# UNIVERSITA' DEGLI STUDI DI PAVIA

This call for applications has been modified according with the Rectoral Decree n. 1437 of June 23, 2015. The additions are marked in red in the text.

**Subject:** Public competition for admission to PhD courses - XXXI cycle - Academic Year 2015/2016

## THE RECTOR

**CONSIDERING** Law n. 210 of July 3, 1998, art. 4;

**CONSIDERING** Law n. 240 of December 30, 2010, art. 19;

**CONSIDERING** the Ministerial Decree n. 45 of February 8, 2013;

**CONSIDERING** the University of Pavia Statute;

**CONSIDERING** the University of Pavia "Regulations for PhD courses" n. 1223 of July 24, 2013;

**CONSIDERING** The Ministerial Decree n. 661 of August 19, 2014, ratifying the five-year accreditation, corresponding to three cycles, of the PhD courses presented by the University of Pavia;

**CONSIDERING** the "Technical report on the activation of the PhD courses – XXXI cycle" issued by the Internal Evaluation Unit;

**CONSIDERING** the resolution of the Administrative Senate of April 20, 2015;

**CONSIDERING** the resolution of the Administrative Council of April 28, 2015;

**CONSIDERING** the need to issue the call for applications for public competitions to be admitted to the PhD courses, XXXI cycle, to be taken at the University of Pavia

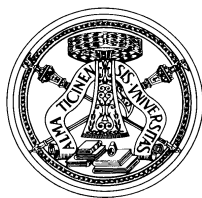
## DECREES

### *Art. 1*

### *Activation*

1. The University of Pavia hereby announces public competitions for admission to the XXXI cycle (Academic Year 2015/2016) of PhD courses, listed below according to their macro-areas:

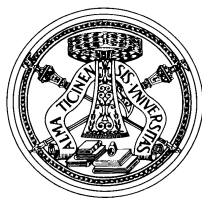
<b><u>MACRO-AREA OF SCIENCE AND TECHNOLOGY</u></b>	
<b>1</b>	PHYSICS
<b>2</b>	MATHEMATICS CIAFM consortium: University of Pavia, University of Milano-Bicocca, Istituto Nazionale di Alta Matematica "Francesco Severi"
<b>3</b>	CHEMICAL AND PHARMACEUTICAL SCIENCES
<b>4</b>	EARTH AND ENVIRONMENTAL SCIENCES



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5	BIOENGINEERING AND BIOINFORMATICS
6	CIVIL ENGINEERING AND ARCHITECTURE in cooperation with Istituto Universitario di Studi Superiori of Pavia (IUSS)
7	ELECTRONICS, COMPUTER SCIENCE AND ELECTRICAL ENGINEERING
8	MICROELECTRONICS
<b><u>MACRO-AREA OF LIFE SCIENCE</u></b>	
9	GENETICS, MOLECULAR AND CELLULAR BIOLOGY
10	EXPERIMENTAL MEDICINE
11	PSYCHOLOGY, NEUROSCIENCE AND MEDICAL STATISTICS
12	BIOMEDICAL SCIENCES
<b><u>MACRO-AREA OF HUMANISTIC AND SOCIAL SCIENCES</u></b>	
13	PRIVATE LAW, ROMAN LAW AND EUROPEAN LEGAL CULTURE
14	PUBLIC LAW, CRIMINAL AND INTERNATIONAL JUSTICE
15	ECONOMICS AND MANAGEMENT OF TECHNOLOGY (DREAMT) in cooperation with the University of Bergamo
16	SCIENCES OF THE LITERARY AND MUSICAL TEXT
17	HISTORY

2. In Annex 1 (p. 12 ff.), which forms an integral part of this call, for each course the location, course director, research topics, positions available, scholarships and other funding, name of the cooperating institutions and possible issue of double or joint degrees, selection procedure and qualifications assessed, admission test timetable and programmes offered are specified.
3. The PhD courses have a legal duration of three years, starting from October 1, 2015.
4. The PhD courses activation is subject to the completion of the accreditation procedure or to the verification of the requirements conservation by ANVUR. Therefore, the selections will be carried out only for the PhD courses that have received the accreditation or its confirmation by the Ministry.
5. The number of PhD positions mentioned in Annex 1 (p. 12 ff.) may be increased, with subsequent provisions, if additional funding from public institutions or qualified private organisations is made available. In any case, the deadline for applications will remain unchanged.
6. The funding provided by external entities will be assigned provided an agreement is reached between the University and the entity involved.
7. **This call for applications is equivalent to a notification to all intents and purposes. Further modifications, updates or additions to its content will be announced exclusively on the <http://www.unipv.it/dottorati> website.**



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8. The presentation of the application as outlined in art. 5 implies the acceptance by the candidate of the rules contained in this call for applications. Failure to respect these rules will result in the candidate being excluded from the competition.

## Art. 2

### Admission requirements

1. Applications are invited from candidates, regardless of age and nationality:
  - a. who hold an Italian “diploma di laurea (vecchio ordinamento)/laurea specialistica/laurea magistrale”, or an equivalent second-level degree issued by an AFAM (Alta Formazione Artistica e Musicale) institution;
  - b. who hold an academic degree awarded abroad and recognised in advance as being eligible for the selected PhD competition purposes only. The foreign degree must be comparable to an Italian second-level degree in terms of duration, level and disciplinary field. In respect of these conditions, the Academic Board board will decide whether the degree is eligible for the PhD competition. During the application procedure, candidates will be asked to attach as uploads, in addition to the qualifications required for the specific PhD course, the following documents, in order for their foreign degree to be recognised as eligible:
    - i. in case of italian and EU citizens: self-declaration, pursuant to D.P.R. 445/2000 and subsequent modifications, of all their academic degrees, including the courses attended, the marks received and the legal duration of the degree courses;
    - ii. in case of non-EU citizens: certificates of all their university degrees, in Italian or English, including the courses attended, the marks received and the legal duration of the degree courses;
    - iii. any other document relevant to the assessment of a degree's eligibility, such as a Diploma Supplement or Dichiarazione di Valore in Loco.

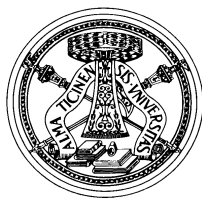
The candidate may be required at any time to submit further documents, in order to verify the eligibility of his/her degree.

- c. who expect to receive the degree mentioned in para. a and b no later than October 31, 2015. **Failure to attain the degree within October 31, 2015 will result in candidates being excluded from the PhD course.** Successful candidates will be conditionally admitted and enrolled in the PhD course. Candidates being awarded a degree in Italy will be required to submit by fax (+39 (0)382 985996) or e-mail ([concorso-dottorati@unipv.it](mailto:concorso-dottorati@unipv.it)) to the University administration office, no later than October 31, 2015, a self-declaration testifying they have attained the degree, together with copy of a valid identity document. Candidates awarded a degree abroad will, in the case of Italian and EU candidates, have to provide a self-declaration attesting the attainment of the degree; non-EU candidates will follow the procedure indicated in art. 11, para. 5.
2. Applications from candidates already enrolled in a PhD course at the University of Pavia will not be accepted.

## Art. 3

### Additional PhD positions jointly-supervised with companies and additional PhD positions in higher-education apprenticeships

1. Employees in highly qualified positions may undertake, while keeping their job position and stipend, a PhD course. Such candidates' training objectives and research activities are arranged between the University and the company by means of a specific agreement. A separate ranking list is drawn up for these candidates. The agreement between the University and the company must be formalised no later than August 31, 2015. It



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will specify, among other things, the conditions and nature of the research to be carried out at the company and the division of the employee's time.

2. Pursuant to Law 167/2011, art. 5, if the conditions exist, it is possible to establish PhD positions in apprenticeships with external institutions and companies. This type of contract allows graduates aged up to 29 years to enrol in a PhD course and get simultaneously employed by a company. A separate ranking list is drawn up for these candidates. A member of the company will take part in the selection procedure for these positions. The Committee will examine, at the end of the interview, also the research topics related to the positions. These positions will be activated provided that the company identifies a candidate suitable for their needs.
3. Candidates interested in these positions must select the appropriate administrative category during the application procedure, if available for their chosen PhD course.

## Art. 4

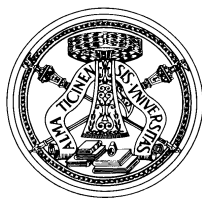
### **Additional positions reserved to candidates holding a degree awarded abroad, to candidates with a scholarship from a foreign country and to candidates holding a scholarship from a specific international mobility programme**

1. Candidates holding a degree awarded abroad, those holding a scholarship from a foreign country, or candidates holding a scholarship from a specific international mobility programme will be selected through a qualification assessment and, unless otherwise specified in Annex 1 for the specific PhD course, will also undertake an interview via videoconference. This is aimed at verifying candidates' competence, ability and aptitude for research and their knowledge of Italian and/or English.
2. Candidates must select the appropriate administrative category, if available for their chosen PhD course, during the application procedure.
3. The enrolment in the positions reserved to candidates with a scholarship from a foreign country is allowed provided that the University administration verifies the actual availability of the funding whose ownership is declared by the candidate.
4. The examining committee will draw up specific reports and separate ranking lists.

## Art. 5

### **Applications**

1. Candidates who wish to participate in a PhD competition at the University of Pavia have to **apply online** by the deadline of **July 8, 2015 at 17:00 pm (Italian time)**. **Applications can only be made via the online procedure** at the following link: [https://studentonline.unipv.it/esse3/Home.do?cod\\_lingua=eng](https://studentonline.unipv.it/esse3/Home.do?cod_lingua=eng). Applications submitted via any other means will not be considered. Candidates are responsible for ensuring that their application has been completed accurately and in full; complaints related to the malfunctioning of the online procedure will not be accepted. Candidates are highly recommended to complete the online application well in advance of the application deadline. Candidates must **pay the application fee**, amounting to **€ 32.00, by the July 8, 2015 deadline**. **Failure to pay the admission fee by the deadline will result in candidates being excluded from the competition**. Candidates applying for the "Additional positions reserved to candidates holding a scholarship from international mobility programmes" are exempted from the application fee.
2. Candidates must register on the Esse3 system in order to access the online procedure. Candidates who have yet to register should select the "Registration" tab and insert the requested data; then, by selecting the "Login" item and entering the username and password provided by the system, they will be able to access their Personal Area and apply for the PhD competitions.



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Candidates who have already registered on the University of Pavia website must select only the “Login” tab and access the Personal Area by entering the username and password already in their possession. **Candidates are requested to check and update their personal data already present in the database, in particular the e-mail address which will be used for all communications related to the PhD competition.**

In order to submit the application, candidates have to select the “Admissions” item from the left-hand menu, then, from the same menu, the “Admission test” item, and then the PhD competition in which they would like to take part.

During the application procedure, candidates have to:

- enter their personal data, the information regarding their degree course and the details of a valid identity document; the same identity document will have to be uploaded and attached to the application and also presented on the day of the tests for identity purposes;
- choose the PhD competition, the appropriate administrative category and the foreign language, from those listed in Annex 1 for each PhD course, whose knowledge will be verified during the interview;
- attach, via an upload, proof of the qualifications required for their chosen specific PhD competition (see Annex 1, p. 12 ff.) and the identity document whose details were entered during the procedure.

Qualifications and documents must be attached as .pdf files and must not exceed 5MB each. Each file's denomination must bear the candidate's surname e the type of the qualification (e.g. surname\_curriculumvitae).

Candidates will have to prove they are in possession of the qualifications<sup>1</sup> issued by the Public Administration by means of a self-declaration, pursuant to art. 46 of D.P.R. 445/2000. The self-declaration must be duly dated and subscribed. The self-declaration regarding the exams taken must conform to the model available at the following link: <http://www.unipv.it/dottorati> or, if available, it can be downloaded from the website of the institution where the degree was awarded. The self-declaration must bear the exams taken, the marks, the CFU (credits), the average of the marks obtained during the degree courses (if required), and the final mark, if the degree has already been attained. Non-EU applicants in possession of qualifications awarded abroad can not submit a self-declaration, but must attach to the application a copy of the relevant certificates.

With the exception of the degree required for admission (see art. 2, para. 1), all further qualifications must have been obtained by the application deadline.

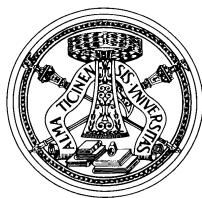
The examining committee will take into consideration only the qualifications listed in Annex 1 (p. 12 ff.) for each PhD course.

Candidates with a disability (under the provisions of Law n. 104 of February 5, 1992 integrated by Law n. 17 of January 28, 1999) or affected by a Specific Learning Disability (under the provisions of Law n. 170 of October 8, 2010) should make a specific request in their application for the necessary assistance and, if required, for extra time to complete the selection tests. Candidates with disabilities are required to submit, via the medical committees, a medical certificate issued by the competent health authorities. Candidates with

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<sup>1</sup> Pursuant to D.P.R. n. 445 of December 28, 2000 and subsequent modifications, Italian and EU citizens must provide a self-declaration attesting the following conditions and facts certified by the Public Administration:

a) enrolment in professional organisations or on lists managed by Public Administration;  
b) membership of professional associations;  
c) qualifications and exams taken;  
d) professional qualifications, post-graduate qualifications, qualifying exams, training courses, refresher courses and technical qualifications;  
e) student status.



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Specific Learning Disabilities must submit an appropriate clinical certificate issued no more than three years before by the National Health Service. Regions where it is not possible to diagnose such disorders as part of the specialist treatments carried out by the National Health Service can commit, within the limits of their human, instrumental and economic resources, the same diagnosis to a specialist or accredited structure. The documents testifying the disability must be submitted to the Centro Servizio di Ateneo - Servizio di Assistenza e Integrazione per gli Studenti Disabili e con DSA "SAISD" (Assistance and Integration Service for Students with Disabilities or Special Learning Disabilities) at least 15 days before the test in one of the following ways:

- delivery to the SAISD office during the opening times (available at <http://saisd.unipv.it/contact>);
- e-mail to [disabili@unipv.it](mailto:disabili@unipv.it), together with a copy of a valid identity document;
- fax to +39 (0)382/984954;
- registered letter with acknowledgement of receipt to: Centro Servizio di Ateneo - Servizio di Assistenza e Integrazione per gli Studenti Disabili e con DSA "SAISD" - P.zza Leonardo Da Vinci n. 16 – Pavia – Italy.

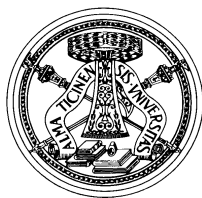
Based on the documents submitted by the candidate, the Vice-Rector for Sports, Disabilities and Special Needs, in coordination with the examining committee, will decide on the possible assistance and the extra time granted for the tests.

It will not be possible to modify the application once the data has been confirmed and the application submitted online. The qualifications inserted can be updated, cancelled or modified, even after its submission online, provided this is done **within July 8, 2015 at 17:00 pm (Italian time)**. No changes can be made after this deadline.

At the end of the procedure, candidates have to print the application form together with the MAV (Payment against notice) of € 32,00, which **must be paid by July 8, 2015**. Failure to pay the application fee by the deadline will result in candidates being excluded from the competition. The MAV can be paid, commission free, at any branch of the "Banca Popolare Commercio e Industria" or across the counter at any credit institution in Italy. The payment can also be made using a PagoBANCOMAT payment card at any "Gruppo Unione di Banche Italiane" bank ATM. In these cases, the candidate must type the MAV identification code and amount; once the operation has been completed, a proof of payment will be provided. No payments other than MAV (Payment against notice) can be accepted, except in cases where candidates are resident outside Italy. Candidates resident abroad are allowed to pay the application fee via bank transfer to UNIVERSITÀ DEGLI STUDI DI PAVIA – SERVIZIO TESORERIA c/o UBI Banca Popolare Commercio e Industria – IBAN IT 32 I 05048 11302 000000046566, SWIFT: BLOPIT22XXX; BIC: POCIITM1XXX, account n. 46566. The costs of the bank operation will have to be charged entirely by the candidate; therefore, while making the bank transfer the candidate will have to select the OUR code instead of the SHARE one. The name of the candidate must be specified in the "reason for payment" field. In case of payment via bank transfer, copy of the payment receipt must be sent to [concorso-dottorati@unipv.it](mailto:concorso-dottorati@unipv.it) by the deadline of July 8, 2015.

3. **The application form must be printed and submitted to the examining committee on the day of the first test.**
4. After the announcement deadline, the University administration will check the validity of the applications received and verify that the application fee of € 32 has been paid within the deadline. In cases of invalid applications, or where the payment has not been made within the deadline, **the candidate will be excluded from the competition.** On the <http://www.unipv.it/dottorati> website the list of the candidates admitted to the selection procedure will be published for each PhD course.
5. Candidates who wish to take part in more than one competition will have to submit a separate application for each, together with the qualification certificates requested, and pay a participation fee for each PhD competition selected.
6. All applicants are conditionally admitted to the PhD competitions while the University administration office checks that they actually possess the requirements provided in this call for applications, pursuant to D.P.R.





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n. 445/2000, artt. 43 and 71. The University administration reserves the right, at any time, to exclude candidates from the selection procedure. The University Administration will also check the veracity of candidates' self-declarations: candidates found to have made false declarations may face criminal proceedings and administrative sanctions, pursuant to art. 76 of D.P.R. 445/2000.

## Art. 6 EDISU benefits

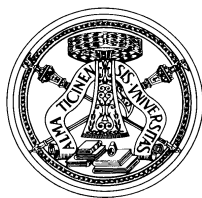
1. PhD students, pursuant to D.P.C.M. of April 9, 2001, are entitled to enjoy, under the same conditions of the other University students, the benefits offered by the University of Pavia's EDiSU (Institution for the Right to Study).
2. Candidates who wish to enjoy these benefits (scholarships, reduced meal prices at canteens etc.) should consult the <http://www.isu.pv.it> website where the call for applications for the relative benefits will be advertised. Candidates are allowed to apply for the EDiSU benefits before their enrolment on the PhD course has been completed.

## Art. 7 Examining Committee

1. The Committees in charge of the PhD competitions are appointed by the Rector in accordance with the University of Pavia's "Regulations for PhD courses".
2. The composition of the examining committees will be published, after the announcement deadline has passed, on the <http://www.unipv.it/dottorati> website.

## Art. 8 Selection procedure

1. Admission to the PhD courses is subject to the passing of a selection procedure aimed at assessing **candidates' competence, ability and aptitude for research**. In Annex 1 the tests dates and locations, selection procedures and notes for each PhD course are listed.
2. *Selection procedure by qualifications assessment and tests (written test and interview)*  
The selection procedure by qualifications assessment and tests consists of a comparative assessment of the qualifications submitted by candidates, as well as two tests. The admission tests consist of a written test and an interview, including a verification of candidates' knowledge of a foreign language, selected from those listed for each PhD courses and indicated in the application.  
The examining committee can assign up to 30 points per test for the evaluation of each candidate. The written test may consist of examinations, exercises and essays on topics related to the PhD course. Candidates who have passed the written test with a score of 21 points or more are admitted to the interview. The interview is deemed to have been passed if a candidate obtains a score of 21 points or more. Unless otherwise specified in Annex 1, the examining committee can assign up to 10 points for candidates' qualifications for each PhD course, divided as indicated in Annex 1. The qualifications assessment takes place after the written test and before the correction of the papers. The results of the qualifications assessment will be announced before the interview.
3. *Selection procedure by qualifications assessment and interview*  
Unless otherwise specified in Annex 1, the examining committee can assign up to 10 points for candidates' qualifications, divided as specified in Annex 1 for each PhD course. For each PhD course, a minimum threshold may be set for admittance to the interview, as indicated in Annex 1. The results of the qualifications assessment will be announced before the interview, with the instructions and timing indicated in Annex 1.



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The interview includes a verification of candidates' knowledge of a foreign language, selected from those listed for each PhD course. The examining committee may assign up to 30 points as an interview points scale. The interview is deemed successful if a candidate obtains a score of 21 points or more.

4. *Selection procedure by qualifications assessment only*  
Unless otherwise specified in Annex 1, the examining committee can assign up to 10 points to candidates' qualifications for each PhD course, divided as indicated in Annex 1. Candidates who have obtained at least 7 points are admitted to the ranking list.
5. The examining committee will draw up specific reports. Candidates will be ranked in descending order by totalling the scores obtained by each candidate in the scheduled tests and the qualifications assessment.
6. If candidates have an identical score on the ranking list, the positions with scholarship will be awarded on a means basis, pursuant to D.P.C.M. of April 9, 2001 and subsequent modifications and additions; for positions without a scholarship, the youngest candidate will have priority.
7. The President of the Examining Committee will submit to the Rector the competition reports.
8. **The admission tests schedule, indicated in Annex 1 of this announcement, is equivalent to a notification to applicants. Possible modifications in the dates and locations of the tests will be announced on the <http://www.unipv.it/dottorati> website. Candidates will not receive any further communication from the University administration office.**
9. **On the day of the tests, candidates will be asked to present the valid identity document whose details were entered during the application procedure. Candidates will also have to sign the printed application form which must then be handed in to the Committee.**
10. **Failure to take part in the admission tests will be considered as constituting a withdrawal from the application process.**

## Art. 9

### Admission to the PhD courses

1. The Rector, by Rectoral Decree, acts to verify the validity of the competition records and approves the ranking lists. Candidates who have placed highly on each ranking list are declared winners, provided they meet the admission requirements for access to the PhD competition and enrolment onto a PhD course.
2. Candidates are admitted to the PhD courses in the ranking list order until all positions for the given PhD are taken. Should a candidate decide not to take up his/her place before the start of the course, their place may be taken by other candidates following the ranking list order. Should a candidate win more than one competition, he/she will have to choose only one PhD course and communicate this choice in writing.

## Art. 10

### Public Administration employees

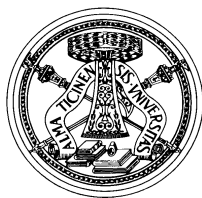
1. Prevailing laws regarding time off work or special leave will apply to any public administration employees admitted onto a PhD course.

## Art. 11

### PhD course enrolment

1. The ranking lists will be published on the University's official noticeboard <http://www-5.unipv.it/alboufficiale/> and on the [https://studentonline.unipv.it/esse3/Home.do?cod\\_lingua=eng](https://studentonline.unipv.it/esse3/Home.do?cod_lingua=eng) website. In order to check their results, candidates have to login by entering the username and password provided at the end of the registration procedure, click on "Admissions" from the left-hand menu and then





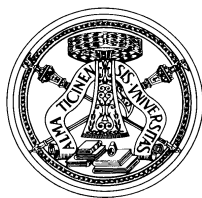
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on "Admission test". **Candidates will not be informed personally: the publication of the ranking list is equivalent to an official notice to applicants.**

2. Candidates can appeal against the approval of the ranking list to the TAR (Regional Administrative Tribunal) within 60 days from the publication of the results on the University's official noticeboard, or make a special appeal to the President of the Republic within 120 days; in the absence of an appeal, the provision shall be incontrovertible.
3. **Successful applicants must enrol** in the PhD course by following the instructions provided on the <http://www.unipv.it/dottorati> website.
4. Successful applicants who do not yet hold the second-level degree necessary to enrol onto a PhD will be conditionally admitted. By the deadline of October 31, 2015 they will have to provide the University Administration office with proof of graduation by following the procedure described in Art. 2, para. 1.
5. Candidates in possession of an academic degree obtained in a non-EU country, if successful, will have to provide the University Administration, within a deadline agreed with the office, the following documents:
  - a. A legally-validated translation into Italian or English of their degree certificate, bearing the list of the exams taken during their academic career and the marks obtained;
  - b. the original "Dichiarazione di valore in loco", issued by the competent Italian diplomatic representative in the country where the academic qualification has been attained. The Administration office also reserves the right to ask students with a foreign degree obtained within the EU to provide a "Dichiarazione di valore in loco" in cases where its validity is doubted.
6. Upon enrolment, non-EU citizens resident abroad must submit to the Administration office, no later than December 31, 2015, a photocopy of their visa/residence permit/application for the residence permit.
7. Competition winners will have to pay, through MAV (Payment against notice), the amount of € 296,51, which includes the accident insurance during the PhD activities.
8. Successful candidates with scholarship, **who do not enrol and pay the enrolment fee by the deadline of 5 days from the day following the publication online ([https://studentonline.unipv.it/esse3/Home.do?cod\\_lingua=eng](https://studentonline.unipv.it/esse3/Home.do?cod_lingua=eng)) of the ranking list**, will be considered as having **forsaken** their position.  
Successful candidates without scholarship, **who do not enrol and pay the enrolment fee by the deadline of 7 days from the day following the publication online ([https://studentonline.unipv.it/esse3/Home.do?cod\\_lingua=eng](https://studentonline.unipv.it/esse3/Home.do?cod_lingua=eng)) of the ranking list**, will be considered as having **forsaken** their position.
9. The University Administration reserves the right to check the validity of winners' declarations. Any applicants found to have made false statements will lose the benefits deriving from these declarations.

## Art. 12 Scholarships

1. Unless otherwise specified in Annex 1, the annual gross amount of a PhD scholarship is € 13.638,47, including the I.N.P.S. contribution that is at the expense of the scholarship holder. PhD scholarships are regulated by the provisions of Law n. 476 of August 13, 1984, art. 4.
2. The Rector, by Rectoral decree, awards the scholarships to the successful candidates following the order of the ranking lists and until all scholarships for the given PhD have been assigned.
3. Scholarships have a duration of one year and are confirmed annually, provided that the student has been admitted to the following year by the Academic Board.
4. The scholarships are paid in monthly deferred instalments.



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5. The scholarship amount is increased by 50% for any research periods carried out at foreign institutions, duly authorized by the Academic Board. The research periods abroad must not exceed a maximum of 18 months in total.
6. PhD scholarships cannot be combined with apprenticeship contracts, research grants or other scholarships awarded for any reason whatsoever. The only exceptions are grants and scholarships assigned by national or international bodies to support with internships abroad the research activities.
7. Students who have already benefited from a PhD scholarship, even partially, are not eligible for a second one.
8. Starting from the 2<sup>nd</sup> year, to each PhD student, with or without scholarship, a budget for research activity in Italy and abroad is awarded, amounting to 10% of the scholarship.

## **Art. 13**

### **PhD students' obligations**

1. Admission onto a PhD course entails full-time and dedicated commitment. Course activities are mandatory and are organised and structured by the Academic Board of each PhD course. The Academic Board may set specific rules for PhD courses jointly supervised with companies, students of medical specialisation schools or public administration employees attending PhD courses.

## **Art. 14**

### **PhD students' teaching activity**

1. The PhD student, if authorised by the Academic Board, may act as a tutor as well as fill a supplementary teaching role up to a maximum of 40 hours per academic year. PhD students in the medical area are allowed to take part in clinical and assistance activities.

## **Art. 15**

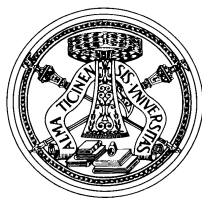
### **Joint attendance with medical specialisation schools**

1. Final-year students of the University of Pavia's medical specialisation school, who have successfully passed the PhD competition, are allowed to enrol onto a PhD course provided that the joint attendance has been approved by the specialisation school Committee.
2. The joint attendance must be requested to the University Administration at the same time as the enrolment onto the PhD course, enclosing the following documents:
  - a. written authorization issued by the specialisation school Committee, testifying that the attendance to the PhD course is compatible with the activity and the commitment requested by the specialisation school;
  - b. list of the publications and self-declaration on the research activity carried out during the specialisation school.
3. During the year of joint attendance, the student is not entitled to receive a PhD scholarship.

## **Art. 16**

### **Incompatibility**

1. Enrolment onto a PhD course is incompatible with a simultaneous enrolment on a degree course, Italian "Master" course, non-medical specialisation school, TFA (Tirocinio Formativo Attivo - Active Educational



# UNIVERSITA' DEGLI STUDI DI PAVIA

Training) or other PhD course (except in cases of joint-supervision agreements with a foreign institution) both in Italy and abroad.

## **Art. 17 Ethical Code**

1. PhD students will have to abide by the provisions of the University of Pavia Ethical Code, available at the following link: <http://www.unipv.eu/site/home/ateneo/statuto-e-regolamenti/codice-etico.html>

## **Art. 18 Final exam and attainment of the PhD degree**

1. The title of PhD (“Dottore di ricerca”), unless otherwise specified in Annex 1, is awarded by the Rector of the University of Pavia, following a positive assessment of the research thesis. The thesis is publicly discussed in front of a committee appointed by the Rector.

## **Art. 19 Use of personal data**

1. Pursuant to Law n. 196 of June 30, 2003 (“Personal data protection code”), the information supplied by candidates will be gathered by the University of Pavia’s Research Division and used for the management of the admission competitions and the candidates’ eventual academic career. Granting consent for the handling of personal data is therefore obligatory and failure to do so will result candidates’ exclusion from the competition.
2. The information provided by the candidates will be communicated to the University of Pavia’s administrative offices and to the departments directly concerned with the legal and financial positions of the successful candidates.
3. Candidates are entitled to the rights stated in art. 7 of the Law 196 of June 30, 2003, including access to their personal data, its modification, updating, integration, cancellation etc., and likewise reserve the right to oppose any use of the data other than the institutional purposes stated above.

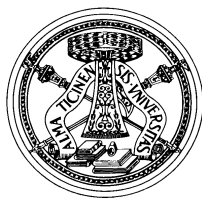
## **Art. 20 Head of Administrative Procedures**

1. The Head of Administrative Procedures, under Law no. 241 of 7 August 1990 and subsequent modifications and additions, is Claudia Morini – Research and Third Mission Unit – Via Ferrata n. 5 – 27100 Pavia (Italy) – tel. +39 (0)382 985937/72/83/84 – fax +39 (0)382 985996 – e-mail [claudia.morini@unipv.it](mailto:claudia.morini@unipv.it).

## **Art. 21 Final regulations**

1. In relation to any issues not explicitly specified in this announcement, the provisions of existing Italian legislation on PhDs and of the University of Pavia’s “Regulations for PhD courses” n. 1223 of July 24, 2013 apply.
2. Only the Italian version of this call for applications will be binding in case of controversies.

**Pavia, 22/05/2015**



# UNIVERSITA' DEGLI STUDI DI PAVIA

## **PHD COURSE** **IN EARTH AND ENVIRONMENTAL SCIENCES**

**LOCATION:** DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES

**DIRECTOR:** Prof. MARIA CHIARA DOMENEGHETTI

**DURATION:** 3 years

### **RESEARCH TOPICS:**

**“Earth” programme:** Fracturing and faulting identification; Crystallographic geobarometer for rocks; The continental Permian-Triassic succession of the Central Pyrenees; Sediment yield and fluvial morphology;

**“Environment” programme:** Communities of plants and lichens of dry grasslands and heathlands; Wood decay fungi and their applications; Crop Wild Relatives and landraces characterization; Chemical cues and colour polymorphism in Lizards; Bioacoustics and Ecoacoustics applied to environmental monitoring; Environment and human microbiota, Alpine birds and climate change.

<b>POSITIONS WITH SCHOLARSHIP</b>	<b>7</b>	4 scholarships funded by the University of Pavia;  1 scholarship funded by the Department of Earth and Environmental Sciences to undertake research in one of the four topics of the “Earth” programme, in particular “Fracturing and Faulting identification”, “Crystallographic geobarometer for rocks”, “The continental Permian-Triassic succession of the Central Pyrenees” and “Sediment yield and fluvial morphology”;  1 scholarship funded by the Science Museum of Trento (MUSE) to undertake research in “Alpine birds and climate change”;  <b>1 scholarship co-funded by the University of Pavia and the Department of Earth and Environmental Sciences.</b>
<b>POSITIONS WITHOUT SCHOLARSHIP</b>	<b>1</b>	
<b>TOTAL POSITIONS</b>	<b>8</b>	

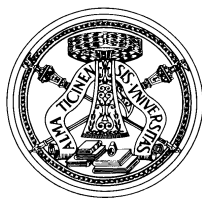
### **ADMISSION PROCEDURE: qualifications assessment and interview.**

Candidates resident abroad are allowed to take a web-based interview via videoconference, provided a written e-mail request to [concorso-dottorati@unipv.it](mailto:concorso-dottorati@unipv.it) is made by the deadline of July 8, 2015 at 17:00 pm (Italian time).

**LINGUISTIC KNOWLEDGE:** candidates’ knowledge of English will be verified during the interview.

### **QUALIFICATIONS ASSESSMENT: 10 POINTS ARE ASSIGNED TO THE ASSESSMENT OF CANDIDATES’ QUALIFICATION, DIVIDED AS FOLLOWS:**

- exams taken during the candidate’s degree courses, bearing the marks (up to 5 points);
- research project (max. 5.000 characters, spaces included) in Italian or English. The research project presented by the candidate has to concern one of the proposed research topics. The project is meant to verify the candidate’s aptitude towards research. It will not be binding if the candidate is admitted onto the PhD course (up to 3 points);
- other qualifications, publications, letters of presentation (max. 2). The letters of presentation must be issued by professors from the university where the degree was awarded or by other professors/researchers who have had direct contact with the applicant, and submitted by the author to [concorso-dottorati@unipv.it](mailto:concorso-dottorati@unipv.it) no later than July 8, 2015 at 17:00 pm (Italian time). The subject field must bear the candidate’s name, surname and the PhD



# UNIVERSITA' DEGLI STUDI DI PAVIA

course denomination. Unlike the other qualifications, these letters must not be uploaded in the website during the online application procedure (up to 2 points).

The qualifications must be submitted according to the procedure indicated in art. 5, para. 2 of this call for applications.

**The minimum score to be called for interview is 7/10.**

Candidates should include a brief summary of their Master thesis (max. 2.000 characters, spaces included).

The results of the qualifications assessment will be announced no later than **September 17, 2015**. The results will be posted on the Department of Earth and Environmental Sciences noticeboard and in the Personal Area of the University website. This can be accessed using the login information provided at the end of the registration procedure.

**INTERVIEW: starting from September 24, 2015, at 9:30 (Italian time),** Room D7 - Dipartimento di Scienze della Terra e dell'Ambiente, via Ferrata n. 9 - Pavia.

The interview will be held in Italian or English and will be an opportunity to verify the candidate's knowledge of English. The interview will consist in a short presentation of the research project (max 15 minutes; the use of technologic support such as slides is strongly encouraged) that is designed to verify the candidate's aptitude towards research. The research project presented by the candidate will not, in any way, be binding if the candidate is admitted onto the PhD course. More details on programmes and research projects are available at the following website: <http://phdsta.unipv.eu/site/en/home.html>.

The interview by videoconference will start at 14:00 (Italian time) of September 24, 2015. Before the interview, candidates will be asked to show the same valid identity document whose details were entered during the application procedure. The University of Pavia cannot be held responsible for a candidate's failure to take the interview due to technical difficulties.

The following programmes are scheduled:

- 1) Earth;
- 2) Environment;
- 3) MARES;
- 4) NASSTEC.

**PLEASE NOTE:** Candidates who intend to apply for the scholarships funded by the Department of Earth and Environmental Sciences to undertake research in one of the four topics of the "Earth" programme or in the scholarship funded by the Science Museum of Trento, MUSE, to undertake research in "Alpine birds and climate change" must state their interest to the examining committee before the interview; these candidates' interviews will therefore also include a discussion of the project topics. The examining committee will draw up specific ranking lists.