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(D.R. N. 274 /2018)

ANNOUNCEMENT OF COMPETITION FOR ADMISSION TO RESEARCH DOCTORATE PROGRAMS - CYCLE XXXIV – ACADEMIC YEAR 2018/2019 –

Art.1 - Activation of Competition Procedure

Public competition is announced for academic year 2018/2019 (cycle XXXIV) for admission to the following Ph.D. courses with administrative offices at the Università degli Studi di Urbino Carlo Bo:

- 1. Humanities
- 2. Life Sciences, Health and Biotechnologies
- 3. Basic Sciences and Applications

The attached schedules (Annex A) which are part of this announcement indicate: the Department administrative headquarters, the duration of the course, the total number of places available, the procedures for conducting admission examinations, the schedule and the examination sites.

Any changes, updates or additions to the content of this announcement will only be disclosed by means of publication in the Official University Notice Board (www.uniurb.it/alboufficiale) and at www.uniurb.it/alboufficiale)

The announcement has been published on the Official University Notice Board (www.uniurb.it/alboufficiale) and may be reviewed at http://www.uniurb.it/dottorati

The notice of this announcement has also been published in English on the Notice Board, on the European webpage Euraxess and on the website of the Ministry of Education, Universities and Research.

The three-year Ph.D programs begin on November 1, 2018 and conclude on October 31, 2021.

Art. 2 - Admission Requirements

Applicants who hold one of the following degrees may submit an application for participation in the competition for admission to the Ph.D programs mentioned in this article, without limitations with respect to sex, age or citizenship:

- a) Diploma awarded under previous degree system (prior Ministerial Decree (D.M.) 509/99);
- b) Technical Degree Diploma (D.M. 509/99) or Master's Degree (D.M. 270/04);
- c) degree equivalent to those under the foregoing clauses or graduate level academic degrees issued by institutions that are members of the AFAM (Advanced Arts and Music Education) system;
- d) similar academic degree granted abroad¹ (*Master's Degree*) at an officially recognized academic institution, deemed suitable by the competition committee for admission to the Ph.D Program. Such degree must be comparable to the Master's Degree by duration, level and subject area and must be suitable for registration in an academic program similar to the Ph.D program in the country of origin.

Parties who are granted degrees pursuant to clauses a), b), c) or d) by October 31, 2018 may also participate in the competition. In such case, admission to the Ph.D Program is subject to the condition of actual grant of the degree. Self-certification or documentation evidencing grant of the degree must be forwarded to the Office of the Secretary of Advanced Degree Program Students (via email to dottorato@uniurb.it) prior to the deadline.

¹ http://www.studiare-in-italia.it/study/new-degrees.html. For additional information, please visit the website: http://www.cimea.it/it/servizi/procedure-di-riconoscimento-dei-titoli/procedure-di-riconoscimento-dei-titoli-overview.aspx



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All applicants are admitted subject to the selection procedure. The Administration may at any time, by a reasoned decision, order exclusion due to failure to meet the prescribed requirements.

Students who have already enrolled in another Ph.D program may not apply for admission to the competition.

Art.3 Application Submission and Terms

In order to participate in the admission examination, all applicants must submit **applications following the procedure set forth below:**

1. Online registration, using the appropriate procedure available at: http://www.uniurb.it/studentionline by and no later than the deadline at 12:00 August 27, 2018(all times provided in this announcement are at Italian time)

Access to the online procedure is subject to registration in the system.

A. For candidates who have never registered on the Urbino Notice Board:

select "REGISTRAZIONE" and insert the biographical information requested. The system will assign the credentials that must be used for "LOGIN". After having logged in, the applicant may access the reserved area: "TEST AMMISSIONE (Admission test)" and select the Ph.D program to which he or she intends to apply.

B. For candidates who have already registered on the Urbino Notice Board (unenrolled, registered, pre-registered in the University program even if only in the competition procedure, graduates, etc.)

directly select the "LOGIN" link, inserting their credentials (user name and password issued at the time of the last registration).

If the applicant no longer possesses their credentials, he or she may recover them by connecting to http://www.uniurb.it/studentionline and selecting the link "PASSWORD DIMENTICATA (FORGOTTEN PASSWORD)" and following the steps.

After completing the Login, the applicant must select the study program of the last registration, access the item "TEST AMMISSIONE (Admission test)" and choose the doctorate program to which he or she intends to apply.

2. Compilation of the application form (online)

The applicant must compile the application for participation in all fields, **attaching** (upload command) the document request, required for admission and evaluation (see item 4 of this article and Annex A).

The application may be saved and changed several times until final confirmation.

3. Payment of the Competition Fee

Upon conclusion of the compilation of the application, the system generates the bulletin to be used for payment of the competition fee.

Applicants are required to pay a non-refundable competition fee of Euro 30.00 in all circumstances.

Payment of the competition fee must be made in one of the following manners:



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- online MAV bulletin: the procedure will permit generation of the online MAV bulletin, which the
 applicant must use to make payment at the bank (the MAV bulletin must be downloaded from the
 section "stamp received and bulletin"). Such payment will be sent automatically by the bank to the
 University administrative system without the need to provide the related receipt (which is kept and
 displayed only if requested by the Offices);
- **PA Content:** the applicant, by accessing the reserved area "Esse3 Web" and reviewing the "Payments" section, may make the payment, marked **immediately** by the logo (by means of credit card) or differed (by means of **press notice**); financial service operators may require fees for the service.

(only for payments made abroad) deposited into the bank checking account Università degli Studi di Urbino Carlo Bo – UBI Banca S.p.A. – Via Veneto, 47 - 61029 Urbino (PU) using the following IBAN code: IT74 O 03111 68701 000000013137 (SWIFT BLOPIT22) necessarily indicated as the reason: "Ph.D Admission Competition Fee - Student Name Surname".

A copy of the deposit receipt must be sent by email to: dottorato@uniurb.it noting as the subject: "Ph.D program: "Ph.D Program - ricevuta pagamento (payment receipt)".

The application for participation in the competition, with the related annexes, must be prepared and sent only by means of the online procedure no later than the deadline of 12:00 (Italian time) on August 27, 2018 or be excluded from the competition.

Any additions to the application must be submitted by the deadline in this announcement.

It is the responsibility of applicants to ensure correct completion of the procedure.

As confirmation of the correct completion of the procedure, the applicant will receive a notice of receipt of the application for participation at the email address provided in his or her application.

Applications that have not been completed correctly by the deadline or for which payment has not been made or submitted in a manner other than the one provided above will not be considered acceptable for admission to the competition.

Therefore, applicants are invited to complete the application and to make the related payment sufficiently in advance of the deadline to avoid any information systems issues.

For any requests for further information or instructions, please contact the Office of the Secretary of Advanced Education Program Students.

Applicants with physical or special learning disabilities may obtain, pursuant to Law 5 February 1992 no. 104 et seq and Law 8 October 2010 no. 170, additional time and/or assistance in order to take the competition test

In addition to making specific requests in the admission application, the applicant must present appropriate medical certification evidence the validity of the request. These certifications must be provided to the Office of the Secretary of Advance Education Program Students no later than the deadline provided in the announcement.

4. Annexes to the Application

To the application for participation in the competition, in addition to the requirements in Annex A, the applicant must attach in PDF (by means of the upload command)

- 1) Identification Documents: a can of the identification card (for EU citizens) or of the passport (for non-EU candidates), specifically the pages with the photograph, biographical information, number, place and date of issue, the expiration date and the signature;
- 2) academic degree:

A. candidates with an Italian degree:



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degree granted: self-certification made pursuant to Art. 46 of D.P.R. 28.12.2000, no. 445 et seq with information regarding the exams taken, credits and grades, (facsimile available at https://www.uniurb.it/studiaconnoi/formazione-continua-e-abilitazione/dottorati-di-ricerca/informazioni-perammissione):

Also degrees to be granted: self-certification pursuant to Art. 46 of D.P.R. no. 445 of 28.12.2000 et seq with information regarding the exams taken, credits and grades, and of the expected date for the degree exam, (facsimile available at https://www.uniurb.it/studiaconnoi/formazione-continua-e-abilitazione/dottorati-diricerca/informazioni-perammissione);

B. candidates with a foreign degree:

degree granted: copy of the academic diploma held and necessary for access to the Ph.D Program accompanied by the list of exams taken with related credits and grades and, if available, from the Diploma Supplement² / Transcript of Records³ /Declaration of Value or Rectorate Decree of equivalence.

The Declaration of Value may be replaced by a certification issued by ENIC-NARIC centers⁴ containing all the information required for assessment of the degree. Presentation of official documentation is obligatory for purposes of matriculation.

Additional degree to be granted:

- certificate of registration with list of exams taken and related credits and grading,
- statement indicating grant of the academic degree no later than October 31, 2018, noting the institution and the official term of the course of study.

Original certificates, or copies, in Italian, English, French or Spanish are accepted; all other languages must include the attachment of a translation into Italian, or into English, signed by the applicant.

Art. 4 - Competition Procedure

Competition for admission to the Ph.D Program is according to degrees and exams.

The test and the point maximum for the degrees and the tests is indicated, for each doctorate program, in Annex A

The applicant, for purposes of evaluation, must submit with the application for admission, the degrees indicated in the schedules for individual programs (see Annex A).

The examinations for admission to the program consist of an oral examination (interview) and a possible written examination.

The admission tests are carried out by ensuring a suitable comparative evaluation of the applicants.

During the interview, knowledge of English and Italian is evaluate for applicants who should have taken the tests in English.

80 points in total are reserved to the admission tests, 20 of which are for evaluation of the curriculum vitae and the research project, if provided.

Evaluation of the degrees is performed by the Selection Committee prior to the oral examination (interview) and before correction of the written examination, if provided.

There is no minimum point score in the evaluation of the degrees for admission to the written examination, or to the oral examination if the written examination is not provided.

60 points in total are reserved to the tests. In order to determine suitability, at least 40 points must be reported in the overall evaluation. If the competition also includes the written examination, 30 points are reserved for any examination; passing is achieved by a score of not less than 20 points on any examination.

² Diploma Supplement is understood as a document attached to a graduate degree diploma in order to improve the international "transparence" and facilitate academic and professional recognition of the degrees granted (diplomas, degrees, certificates, etc.). The Diploma Supplement must be issued by the same institution that issued the degree. Additional information regarding the site: http://ec.europa.eu/education/lifelong-learning-policy/doc1239_en.htm

 $^{^{3} \ \}text{http://www.studiare-in-italia.it/studying/info-07.html;} \ \underline{\text{http://www.cimea.it/it/servizi/procedure-di-riconoscimento-dei-titoli/glossario.aspx}} \ .$

⁴ Enic-naric website: http://www.enic-naric.net/



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The final point score is allocated from the sum of points reported in the assessment of the degrees and of the individual tests.

The results of the written examination, if provided, and of evaluation of the degrees are published, first of the oral examination, on the University website at www.uniurb.it/dottorati.

Upon conclusion of any oral test, the Board prepares the list of the applicants examined, indicating the grades reported. The list, signed by the Chairman posting at the site where the test was held and on the University website at www.uniurb.it/dottorati.

The oral examination will be conducted at the Università degli Studi di Urbino Carlo Bo as indicated in the following paragraphs and according to the examination schedule set forth in Annex A.

Indication of the date and time of the examination reported in the attached brochure, for all the purposes of official convocation law, will not be notified to individual applicants.

Any changes to the diary and/or the site of the tests will be notified by means of the University website at www.uniurb.it/dottorati.

In order to conduct the tests, applicants must appear at the site, on the day at the time provided in Annex A, showing a currently valid identification document.

Failure to appear at the admission examination shall be deemed an explicit withdrawal from the competition. The admission examination is carried out by ensuring a suitable comparative assessment of the candidates.

Art. 5 - Competition Committee

The competition committee is formed and selected pursuant to current law and in accordance with the Urbino Carlo Bo University Research Doctorate Regulations.

Upon conclusion of the oral examination, the Committee prepares the list of applicants examined, indicating the point score reported. The list, prepared by the Chairman and the Office of the Secretary of the Committee, is published on the University website at http://www.uniurb.it/ dottorati

The documents relating to the competition procedure are forwarded to the Rector by the Chairman of the Competition Committee.

Art. 6 - Graduations and Enrollment in the Ph.D Program

The Rector, by means of his own decree, approves the ranking of merit declaring winners the applicants properly placed in the ranking.

In the event of a tie in the general merit ranking, the applicant with a lower ISEE shall prevail for the assignment of places with scholarships; for the allocation of places without a scholarship, the applicant with a lower age will prevail.

The Decree is published in the Official Gazette of the University (www.uniurb.it/alboufficiale) and at www.uniurb.it/dottorati.

Personal notices will not be sent: publication of the merit ranking is an official notice to the interested parties. Successful candidates are admitted to the doctorate degree program according to the order of the merit ranking and up to the number of available places.

Successful candidates admitted to the program must submit the registration application by the deadline provided in the Rectorate Decree publishing the merit ranking prior to its expiration.

For registration procedures, refer to the methods that can be consulted at: https://www.uniurb.it/studiaconnoi/formazione-continua-e-abilitazione/dottorati-di-ricerca/modalita-di-iscrizione-primo-anno

Admitted successful registrations that must also obtain the suitable degree are "conditioned". Any resulting absence of the degree implies removal from the merit ranking.

The grant of the degree must be notified to the Office of the Secretary of Advanced Education Program Students no later than the date provided in the Rectorate Decree approving the merit ranking.

Successful applicants with foreign degrees must provide the Statement of Value together with certification of grant of the degree with examinations, credits and grades, translated and legalized by



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competent Italian diplomatic authorities in the country of issuance. Failure to provide the Statement of Value will result in exclusion from the Doctorate Degree program. The Statement of Value may be replaced by a certification issued by ENIC-NARIC⁴ centers that contain all information required for evaluation of the degree.

In the event of the forfeiture or possible waiver of the rights no later than two months prior to the beginning of the program, other applicants may enroll according to their order in the merit ranking.

In the event that the renouncing applicant is a scholarship recipient, he or she is not required to reimburse the amount of the monthly stipends already received. The University will reassign the remaining amount of the fund to other doctoral applicant already enrolled in the program, without scholarship, according to the order of the admission ranking.

The successful applicants not from the European Union who are living overseas, after having enrolled and made the required payment, must give a copy of the residence permit/card or copy of the request to the competent Authorities.

Art. 7 - Scholarships

Scholarships are assigned according to the order of the merit ranking prepared by the competition committee for an amount equal to that determined pursuant to D.M. 40 of 25 January 2018.

The annual amount of the scholarship is Euro 15,343.28 gross, subject to INPS social security contribution provided for by current legislation. To scholarships for attendance of doctorate courses in physics apply the following provisions of Art. 4 of Law 13 August 1984, no. 476.

With equal merit, the applicant with the lower ISEE prevails.

In the event of further parity, the youngest applicant prevails.

Scholarships for attendance of the doctorate program are consistent with other personal income, provided that such income does not exceed the annual maximum indicated by the Board of Directors. For calendar year 2018, the gross annual personal income limit has been set at Euro 18,000.00. Exceeding the income limit implies loss of the right to the scholarship and the obligation to refund the amounts of the monthly payments that may have already been received during the year such excess is determined.

The scholarship may not be combined with other scholarships granted for any reason, except those granted by national or foreign institutions that may be used for integrating, with residence abroad, educational activities or research of scholarship recipients.

Those who have benefited, even partially, from a doctoral scholarship may not receive one a second time.

The duration of the scholarship is equal to the entire duration of the doctoral course.

The scholarship starts from the beginning of the teaching activities and is paid in deferred monthly installments.

The scholarships are confirmed after a favorable opinion expressed by the Academic Board on admission to the following year.

The amount of the scholarship is increased by 50% for any period of residence abroad. The periods of residence abroad may not, in any case, exceed a total of eighteen months.

As from the second year of study, each doctoral candidates is guaranteed, within the financial resources allocated in the budget of accredited subjects under current law, a *budget* for research activities in Italy and abroad that is appropriate for the type of degree program and, in no case, less than 10% of the amount of such scholarship.

To public employees admitted to the Ph.D program is applied Art. 2 of Law 13 August 1984, no. 476 et seq. regarding the voluntary placement on leave or extraordinary leave for studies, with or without benefits, consistent with the needs of the administrative agency to which they belong and solely in the event that they are enrolled for the first time in a Ph.D program.

Art. 8 - Criteria for Reassignment of Scholarships

If it is not possible within a PhD program to award scholarships funded by the University of Urbino, not bound to a specific research project, due to lack of suitable in the corresponding curriculum ranking, the grants will



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be awarded according to a general list of merit, compiled on the basis of the score obtained in the admission contest, and formed by those who are admitted without a scholarship within the same PhD course.

Art. 9 - Contributions for Access and Course Attendance

For the purpose of enrollment, students must pay, each academic year, a contribution of Euro 156.00 (including stamp and regional taxes).

The payment must be made: for the first year, in the enrollment certificate; for following years, no later than November 30 of each year.

Delayed payments shall be assessed a late penalty (Euro 40.00).

Payment of the contribution must be made in the same manner as indicated in Art. 3, clause 3.

Art. 10 - ERDIS benefits

Doctoral students, pursuant to Legislative Decree no. 68 of 29 March 2012, can take advantage of the benefits provided by the Regional Authority for the Right to University Study. Applicants may submit the application for services (scholarships, lodging at university colleges, dining facilities, etc.) by participating in the competition announcement published at: http://www.ersurb.it/ which explains the terms and condition for admission.

Art. 11 - Rules for Deferral

To the extent not provided in this announcement, the laws and regulations regarding research doctorates are valid.

Art. 12 - Handling of Personal Information

The Università degli Studi di Urbino, in implementation of Legislative Decree 196/2003 (Personal Data Protection Code), agrees to use the personal data provided by the applicant for institutional purposes, specifically for the conduct of these competition procedures.

Participation in the competition, in compliance with the principles of the aforementioned legislation, implies tacit consent to the publication of the personal data of the applicant and information relating to the competition tests on the website of the Università degli Studi di Urbino Carlo Bo.

The Università degli Studi di Urbino Carlo Bo –Via Saffi, 2 61029 Urbino (PU) is the data controller.

Art. 13 - Administrative Procedure Manager

The administrative procedure manager, determined pursuant to Art. 4 of Law 7 August 1990, no. 241, is Dr. Paolo Tinti – Manager of the Office of the Secretary of Advanced Education Program Students for the Università degli Studi di Urbino Carlo Bo, Via Valerio, 9 Urbino – tel.: 0722 304632-4-5-6 e-mail: dottorato@uniurb.it

Candidates are entitled to exercise the right of access to procedural documents in accordance with current legislation. The request, addressed to the Honorable Rector, must be sent to the Protocol and Archive Office Via Saffi, 2 - 61029 Urbino (PU).



Annex A

PHD COURSE IN HUMANITIES

	DICCIII Department of Communication Coinness
Headquarters	DISCUI- Department of Communication Sciences, Humanities and International Studies: History, Cultures, Languages, Literature, Arts, Media
Term	3 years
Places available for the competition	8 positions 6 with scholarships and 2 without scholarships
Curriculum	- Sciences of the text and communication 2 places with scholarships and 1 without a scholarship
	- Contemporary History and Comparative Culture 2 places with scholarships
	Human sciences 2 places with scholarships and 1 without a scholarship
	Note: There are separate access lists for each of the curricula. Applicants must specify in the application for each curriculum in which they intend to compete
Scholarships	6
Degrees and documentation to be presented as an annex to the application for participation in the competition	-Curriculum vitae -Research Project -Scientific Publications -other degrees (scientific and cultural, work experience obtained in sectors related to the doctorate degree) The project, consistent with the chosen curriculum, must not have a length exceeding 10,000 and 15,000 characters (including spaces: the bibliographic index, which normally completes the presentation of the project, is excluded from this calculation), and divided into two parts: presentation of the research topic; identification of the research objectives and the ways in which they are to be achieved, research times.
Methods for conduct of the competition examination	-Evaluation of degrees and documentation -Oral examination (interview), with review of knowledge of English Note: the applicant may choose to use English for the degrees
Criteria for evaluation of the degree and the documentation (max 20 points)	-Curriculum vitae and degrees up to a maximum point score of: 8 -evaluation of the master's degree, technical or old university system degree: up to a maximum of 4 points; -scientific publications (max 3 from the last 3 years) up to a maximum of 2 points;



	-other degrees (scientific and cultural, work experience obtained in sectors related to the doctorate degree) up to a maximum of 2 points. -Research project up to a maximum point score of: 12 Note: the result of the degree evaluation will be published at www.uniurb.it/dottorati , after completion of the oral examination. There is no minimum point score in the evaluation of degrees for admission to the oral examination
Competition test (maximum 60 points for oral examination)	The oral examination consists of submission of the curriculum vitae of the applicant and of their scientific and research interests and in the demonstration of research project hypotheses, consistent with the preselected curriculum. In the context of the Science and Communications curriculum the Greek examination (L-FIL-LET/02) allows for rapid translation to the imprint from a text drawn from ancient Greek literature. For all the curricula, knowledge of English or of Italian will be examined for applicants who have taken the test in English. Note: The oral examination may be conducted in English upon request. The result of the oral examination will be published by posting at the site for the oral examination
Foreign language requested	and at www.uniurb.it/dottorati English
Exam Topic	Subject matters tested in the examinations are those in Areas 10, 11 and 14, in the SSD and in research subjects undertaken in the Department and specifically by professors who are members of the board. Sciences of the text and communication For Area 10 L-FIL-LET/02 Greek Language and Literature; For Area 14 SPS/08 Sociology of Cultural and Communications Processes. Contemporary History and Comparative Culture For Area 11 M-STO/04 Contemporary History (in the variations, for the same sector, of History of political parties and movements, Social history, History of Contemporary Europe); For Area 10 L- LIN/03 French Literature Human sciences For Area 11 M-PED/01 General and Social Pedagogy M-PED/03 Didactics and Special Pedagogy M-PSi/03 Psychometrics M-Psi/04 Developmental Psychology and Educational Psychology M-PSi/07 Dynamic Psychology M-PSi/08 Clinical Psychology
Diary and test locations	The oral examination shall be conducted on 12 September 2018, at 09:30 atPolo Scientifico-Didattico "Paolo Volponi"- Sala Lauree - Via Saffi, 15 Urbino



Settore Segreterie Studenti Ufficio Segreteria Studenti Corsi di Alta Formazione Via Valerio, 9 - 61029 Urbino PU Tel. +39 0722 304632-4-5-6- Fax +39 0722 304637

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for information on administrative aspects	Email to: dottorato@uniurb.it
for information on scientific aspects	Department of Communication Sciences, Humanities and International Studies: History, Cultures, Languages, Literature, Arts, Media – Via Saffi,15 tel.0722 305760 segreteria.discui@uniurb.it Ph.D Program Coordinator Prof. Giovanni Boccia Artieri mail: giovanni.bocciaartieri@uniurb.it Curriculum Referent Sciences of the text and communication
	Prof. Liana Lomiento @uniurb.it
	Curriculum Referent Contemporary History and Comparative Culture : Prof. Anna Tonelli mail: anna.tonelli@uniurb.it
	Curriculum Referent Human sciences : Prof. Antonello Colli mail: antonello.colli@uniurb.it
	Please indicate as subject of the message DOCTORATE (and the preselected curriculum degree)

PhD course in LIFE SCIENCES, HEALTH AND BIOTECHNOLOGIES

Headquarters	DISB - Department of Biomolecular Sciences
Term	3 years
Places available for the competition	8 positions 6 with scholarships and 2 without scholarships
Curriculum	 Biochemical and Pharmacological Sciences and Biotechnology Cell and Organism Biology: Health and Exercise Science Note: There is only one merit ranking for admission to the program. Selection of the curriculum will take place at the time of enrollment in the course.
Scholarships	6
Degrees and documentation to be presented as an annex to the application for participation in the competition	 curriculum vitae abstract of theses for master's degree scientific publications letters of reference other degrees that the applicant believes useful for assessment



Methods for conduct of the competition examination	Degree assessment Oral examination, with review of knowledge of the English language Note: the applicant may choose to use the English language for degrees to be submitted and for taking
	the oral examination
	- Curriculum Vitae up to a maximum of 5 points
	- Abstract of master's degree, technical degree or old university degree thesis (max 5,000 characters, spaces included) up to a maximum of 3 points
Criteria for evaluation of	- Scientific publications up to a maximum of 5 points
the degree and the documentation (max 20 points)	- Letters of reference (max 2) up to a maximum of 2 points
	- Other degrees that the applicant deems useful up to a maximum of 5 points
	Note: The result of the evaluation of the degree will be published at www.uniurb.it/dottorati , after completion of the oral examination. There is no minimum point score in the evaluation of degrees for admission to the oral examination
Competition examination (max 60 points)	The oral examination consists in the presentation of a project (max 15 minutes), consistent with one of the PhD subject matters, preferably using multimedia material (slide), followed by discussion of the project, the applicant's curriculum and his or her scientific and research interests. For those applicants who have taken the examinations in English, knowledge of English or Italian shall also be evaluated during the oral examination.
	NB The oral examination may be conducted in English upon request. The result of the oral examination will be published by posting at the site for the oral examination and at www.uniurb.it/dottorati
Foreign language requested	English
Exam Topic	The subject matters among those the project to be presented in the oral examination may include are the following: 1. Erythrocyte-mediated delivery and targeting of diagnostics and drugs 2. Fungal biotechnology 3. New pharmacological approaches for the treatment of neoplasms by means of chromatin remodeling molecules (epidrugs) 4. Oxidative stress 5. Cell death mechanisms 6. Cell differentiation



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	 Regulation of gene expression and signal transduction Intracellular communication Genetic polymorphisms in cancer prevention and control Structural and functional plasticity of the central and peripheral nervous system in physiological and pathological conditions Study methods and strategies for the biodiversity assessment Virulence factors and microbial pathogenicity Natural substances of plant origin as pharmaceuticals and nutraceuticals compounds Movement analysis and physical exercise protocols in prevention, functional rehabilitation and sports
Schedule and test locations	The oral examination will take place on Tuesday, September 18, 2018, at 9.00 am, at the headquarters of the Università di Urbino – Biochemistry Classroom (top floor) Via Saffi,2 - Urbino
for information on administrative aspects	dottorato@uniurb.it As the subject of the message, please indicate DOCTORATE
for information on scientific aspects	Ph.D Program Coordinator Prof. Marco B.L. Rocchi, tel. 0722-303304 Email: marco.rocchi@uniurb.it As the subject of the message, please indicate DOCTORATE

PhD course in BASIC SCIENCE AND APPLICATION

Headquarters	DiSPeA - Department of Pure and Applied Sciences
Term	3 years
Places available for the competition	8 positions 6 with scholarships and 2 without scholarships
Curriculum	- Chemical and Pharmaceutical Sciences no. 2 places with scholarships and 1 place without a scholarship - Earth Sciences no. 2 places with scholarships - Complexity Science no. 2 places with scholarships and 1 place without a scholarship



	Note: There are separate access lists for each of the curricula. Applicants must specify in their application the curriculum for which they intend to compete.
Scholarships	6
Degrees and documentation to be presented as an annex to the application for participation in the competition	 curriculum vitae abstract of the thesis for master's degree letters of reference scientific publications research project other degrees (scientific and cultural, work experience obtained in sectors related to the doctorate program)
Methods for conduct of the competition examination	- evaluation degrees - written examination - oral examination and review of knowledge of the English language Note: the applicant may choose to use the English language for degrees to be submitted and for taking the oral examination
Criteria for evaluation of the degrees and documentation (max 20 points)	-Curriculum vitae and degrees up to a maximum point score of: 14 -evaluation of the master's degree, technical degree, or degree under the old university system -abstract of master's degree thesis (max 5,000 characters, spaces included) - 2 (max) letters of reference - scientific publications (max 3 from the last 3 years) -other degrees (scientific and cultural, work experience obtained in sectors related to the doctorate degree) - Research project until a point maximum of: 6 The project, consistent with the chosen curriculum, must not have a length exceeding 10,000 characters (including spaces, the bibliographic index, which normally completes the presentation of the project, is excluded from this calculation) Note: The result of the evaluation of the degree will be published at www.uniurb.it/dottorati , after completion of the oral examination. There is no minimum score in the evaluation of qualifications for admission to the written test



	The written test consists in the request to draw up a paper (different for each possible curriculum) concerning the issues related to the area and to the scientific-disciplinary sectors of the chosen curriculum.
Selection tests (max 30 points written exam, max 30 points oral exam)	The oral examination consists in a presentation of the curriculum of the applicant and his or her scientific and research interests, providing further information regarding the subject matters discussed in the written examination and illustrating the hypotheses of interest in the research project, consistent with the preselected curriculum. For those applicants who have taken the examinations in English, knowledge of English or Italian shall also be evaluated during the oral examination (interview). The result of the written examination will be published at www.uniurb.it/dottorati ; the result of the oral examination and at www.uniurb.it/dottorati.
Foreign language requested	English
Exam Topic	Chemical and Pharmaceutical Sciences CHIM/01, CHIM02, CHIM03, CHIM06, CHIM08, CHIM09 Earth Sciences GEO/01, GEO/02, GEO03, GEO04, GEO/05, GEO/06, GEO/07, GEO/08, GEO/09, GEO/10, GEO/11, GEO/12. Complexity Science FIS/01, MAT/07, INF/01, ING-INF/05, L-LIN/01, M-STO/05,
	M-FIL/02, M-FIL/05, M-FIL/06, BIO/05, BIO/07, FIS/07, CHIM/12
	Written Examination: 20 September at 09:00 Oral Examination: 21 September at 09:00
Examination Schedule and Locations	at the headquarters of the Department of Pure and Applied Sciences - Collegio Raffaello, Aula B - Piazza della Repubblica, 13 - Urbino
for information on administrative aspects	Email to: dottorato@uniurb.it
For information regarding scientific aspects	Department of Pure and Applied Sciences, Piazza S. Andrea 34, 61029 Urbino. Tel 0722 - 304525
	Doctorate Program Coordinator: Prof. Mauro Sergio Micheloni. mail: mauro.micheloni@uniurb.it



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Curriculum Referent Earth Sciences:

Prof. Stefano Santini. mail: stefano.santini@uniurb.it

Curriculum Referent Complexity Science:

Prof. Vincenzo Fano. E-mail: vincenzo.fano@uniurb.it

As the subject of the message, please indicate DOCTORATE (and the degree of the preselected curriculum, if any)

Urbino, 28 giugno 2018

The Rector Vilberto Stocchi