Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

The call is issued with Rector’s Decree No. 248 on March, 12th 2020 and modified with Rector’s Decree No. 328 on April, 8th 2020 and No. 367 on April, 22nd 2020

Application deadline: May, 27th 2020 at 1.00 pm (Italian Time) NEW!

Art. 1 - Purpose of the call and general regulations

1. This call for applications, published on the Ca’ Foscari website at http://www.unive.it/phd-degrees > Admission and in the online section of the Official University Register – Albo online (Italian version), regulates access to the 36th cycle of PhD programmes of the Ca’ Foscari University of Venice (2020/2021). Amendments or additions to the call for applications will be published on the same website.

2. Annex “A” represent an integral part of this call for applications.

3. Online submission of the application form as set forth in Art. 6 implies the acceptance by the candidate of regulations contained in this call for applications.

4. Ca’ Foscari University of Venice will deliver all communications concerning this competitive selection process to candidates by email. The email used will be the one specified by the candidate during registration on the website (Art. 6, paragraph 2).

5. Candidates are strongly recommended to submit early applications and not to wait until the last minute. The University shall not be held responsible for any dysfunction due to technical problems and/or overloading communication lines and/or of the OS, for the loss of communications due to incorrect email address details or candidates’ failures to communicate changes of email address, nor for any other problems or delays caused by third parties, unexpected occurrences or unforeseeable circumstances.

6. Failure to comply with the rules contained in this call for applications will result in exclusion from the call.

Art. 2 - Call for application and admission criteria (paragraphs 3, 4 and 5 are modified with Rector’s Decree No. 328 on April, 8th 2020)

1. Ca’ Foscari University of Venice announces the 36th cycle of the following PhD Programmes for 2020/2021:

   1. Law, Market and Person in partnership with Astrakhan State University, Russian Federation (International PhD Programme);
   
   2. Economics in partnership with Eurizone Capital SGR S.p.A. (Collaborative PhD Programme);
   
   3. Philosophy and Educational Sciences in partnership with Université Paris 1 Panthéon-Sorbonne, France (International PhD Programme);
   
   4. Computer Science in partnership with Masarykova Univerzita, Czech Republic (International PhD Programme), in partnership with Cimolai S.p.A and Explora Biotech S.r.l. (Collaborative PhD Programme) and in partnership with Fondazione Istituto Italiano di Tecnologia - IIT – Centre for Cultural Heritage Technology;
   
   5. Italian Studies in partnership with Alpen-Adria-Universität Klagenfurt, Austria (International PhD Programme);
   
   6. Modern Languages, Cultures and Societies and Linguistics in partnership with Sorbonne Université, France and with Univerza na Primorskim/University of Primorska, Slovenia (International PhD Programme);
   
   7. Management in partnership with SKEMA Business School, France (International PhD Programme) and in partnership with H-FARM S.p.A. (Collaborative PhD Programme);
   
   8. Science and Management of Climate Change in partnership with Euro-Mediterranean Centre on Climate Change –CMCC;
   
   9. Science and Technology of Bio and Nanomaterials in partnership with National Cancer Institute - Centro di Riferimento Oncologico di Aviano – CRO (PhD Programme in cooperation with Research Institutions), in partnership with Kyoto Institute of Technology – KIT, Japan (International PhD Programme) and in partnership with Explora Biotech S.r.l. (Collaborative PhD Programme);
10. Environmental Sciences in partnership with Tech Universal (Collaborative PhD Programme);
11. Ancient Heritage Studies in partnership with University of Trieste and University of Udine (Inter-University PhD Programme) and in partnership with Fondazione Istituto Italiano di Tecnologia - IIT – Centre for Cultural Heritage Technology;
12. Polar Sciences in partnership with National Research Council - CNR (PhD Programme in cooperation with Research Institutions) and with University of Milano-Bicocca;
13. History of the Arts in partnership with State Institute for Art Studies of the Ministry of Culture of the Russian Federation (International PhD Programme);

2. The PhD programmes will be activating on the condition of the accreditation provided by the Ministry of Education, University and Research according to Presidential Decree No.45/2013.

3. Candidates will be admitted to PhD programmes after passing a selection process (evaluation of academic qualifications and oral examination via video conferencing) according to the conditions indicated in Annex “A”. The Annex “A” defines, for each of the above-mentioned PhD programmes listed in paragraph 1: research topics, number of available places, admission requirements and candidate selection criteria used to produce the classification list.

4. Schedule of examinations, composition of Admissions Committees, and dates for the announcement of the final shortlist results will be available on the University website at http://www.unive.it/phd-degrees. Admission and in the online section of the Official University Register – Albo online - on June, 8th 2020. The online announcement of the aforementioned schedule will be considered as the only notice of convocation to the examination venue.

5. Following the evaluation of qualifications, all candidates admitted to the oral examination will take the interview via video conferencing, according to the indications that will be published on June 8th 2020 in the announcement referred to in the previous paragraph. The candidate must be available at that address, on the day and at the time established by the Admissions Committee. Before the beginning of the interview, candidates must show the ID uploaded with their application for the purposes of identification; failure to do so will result in exclusion from the selection process. Failure to do any of the following are all reasons leading to exclusion from the selection process: communicate personal Skype address, be online, be available on the day or at the time established or show a valid ID.

6. The number of available places may be increased by means of subsequent funds, while it should be understood that the deadline for applications remains unchanged.

7. The courses will last no less than 3 years and follow the academic calendar approved by the University. The PhD Programmes will start by mid-September 2020 and will normally conclude before September 2023, except for the PhD programmes in Economics, Management, Science and Management of Climate Change and Polar Sciences, which last for 4 years. Enrolment on a PhD Programme requires a total and full-time commitment, and any incompatibility with other PhD students’ activities will be evaluated by the Teaching Board of the single PhD programmes. PhD students are required to carry out research, specialization and training activities abroad, subject to authorization from the Teaching Board, for a minimum period of 3 months to a maximum of 18 months.

8. The teaching and research activities involved in inter-university national and international programmes will be organised in coordination with the partner universities. The PhD qualification will be jointly awarded by national partners and awarded as a double degree by international partners.

Art. 3 - Admission requirements

1. All candidates possessing any of the following requirements can submit their application:

   - “Laurea Specialistica” or “laurea magistrale” (the second cycle degree available in Italy since 1999 after completing five years (or more) of university studies);
   - an Italian degree obtained before the system introduced by Ministerial Decree No. 509 dated 3 November 1999 amended by means of Ministerial Decree No. 270 dated 22 October 2004 (Laurea vecchio ordinamento – Old degree system);

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1 Modified with Rector’s Decree No. 328 on April, 8th 2020. In particular, also for PhD programmes in Law, Market and Person and in Ancient Heritage Studies, the admission procedures will consist of an evaluation of qualifications and an oral examination, with the exclusion of the previously scheduled written test. The new oral examination will also focus on the topics that would have been the subject of the previously scheduled written test.
- second-level university qualifications granted by AFAM institutions (Alta Formazione Artistica e Musicale, “Advanced Artistic and Musical Training”);
- a Master’s degree qualification obtained abroad – comparable in terms of duration, level and discipline to the Italian qualification granting admission to the PhD Programme – and recognised as suitable for admission to the selection process in accordance with Art. 4 below.

2. For each PhD Programme, the forms in Annex “A” specify the type of academic qualifications required for admission to the selection process and any further necessary requirement.

3. If provided in the Annex “A” forms, the equivalence of the Italian degree obtained before Ministerial Decree 509/1999 (Laurea vecchio ordinamento – Old degree system) with the degree classifications of the “Laurea magistrale” (second cycle qualification) must be self-certified by the candidate according to Presidential Decree No. 445 dated 28 December 2000, No. 445 as amended by Art. 15, paragraph 1 of Italian Law No. 183 dated 12 November 2011. Equivalence cannot be self-certified by candidates if there is no univocal correspondence between the two degrees; where this is the case, candidates must request equivalence from the University that issued the degree in compliance with Ministerial Decree dated 9 July 2009.

4. The Ministerial Decree dated July, 9th 2009 establishes correspondence between degree classifications for the “Laurea specialistica” (second cycle degree) set out by Ministerial Decree 509/99 and degree classifications for the ”Laurea magistrale” (second cycle degree) set out by Ministerial Decree 270/04.

5. Graduating students may also apply within the deadline laid down in Art. 6 below, provided they obtain their degree by July, 31st 2020. Candidates who do not obtain the qualification within the deadline will be excluded.

6. Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, but no later than December, 31st 2020, otherwise they will be excluded from the PhD programme. In order to certify their proficiency candidates must attach their certificates to their online application (for a list of certificates recognised by the University along with cases of exemption please check the University website at http://www.unive.it/pag/7750.

7. No applications will be accepted from candidates already enrolled in other PhD programmes held by Ca’ Foscari University or by partner Institutions in the case of inter-university programmes.

**Art. 4 - International qualifications**

1. In order to assess the suitability of the qualification obtained abroad, candidates must provide:
   a) certificate of an academic qualification comparable to Laurea magistrale (Master’s degree) or a second level academic degree, preferably translated into English or Italian;
   b) Transcript of Records from the university that awarded the degree, preferably translated into English or Italian;
   c) Diploma Supplement (only for students who completed their university degree in EU countries), or Declaration of Value (“Dichiarazione di valore in loco”) issued by the competent Italian diplomatic authority in the country in which the qualification was obtained.

2. The suitability of the foreign qualification is verified by the Admissions Committee according to regulations in force in Italy and in the Country where the qualification itself has been awarded, and while respecting the international agreements concerning the recognition of qualifications for further education.

3. Candidates who do not have the documents referred to in art. 4, paragraph 1, letter c) shall be admitted to the selection procedure conditionally and, if successful, must provide them during the online registration procedure or in any case by 31/12/2020, the Diploma supplement or, if the qualification had been obtained outside the European Union, a copy of the diploma, translated and legalized in Italian or English language, together with Declaration of Value (“Dichiarazione di valore in loco”) (The Declaration of Value is an official document issued by the Italian Embassy in the country in which the qualification was issued), prepared by the Italian diplomatic-consular Representation, that is located in the Country where the qualification was obtained.

4. In the event that the aforementioned documents provided by the candidate show the academic qualification to be invalid for the purposes of enrolment on an academic course equivalent to a PhD, the person concerned shall no longer be able to continue on the PhD course and must return any funding already received.

5. At any time, the candidate may be required to supplement the documentation submitted in order to check its admissibility.

**Art. 5 - Assessed qualifications**

1. Candidates must present the following mandatory qualifications for admission to all the PhD Programmes of the current call:
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

- **Curriculum vitae et studiorum** (preferably in the European (Europass) format);
- PhD research proposal: information on how to draft proposals is available for some PhD programmes on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission. Candidates can submit only one research proposal. The research proposal presented for the selection will not necessarily be the one developed by the PhD student during the PhD course;
- Thesis abstract of the Master’s degree qualification (about 10,000 characters including spaces);
- Certificate of exams passed with grades (Italian and European Community citizens are merely required to submit a Personal Declaration of Certification under the Presidential Decree No. 445 dated 28 December 2000, No. 445 as amended by Art. 15 paragraph 1 of Italian Law No. 183 dated 12 November 2011);

2. Up to two reference letters by university professors, researchers or other experts may be optionally submitted for all PhD courses, only in such manner as described in the following art. 6 paragraph 4. Annex “A” forms contain details of additional optional qualifications for each PhD programme.

3. Qualifications must be attached to the online application form according to the procedure in Art. 6 below.

**Art. 6 - Application form**

1. The application form must be submitted to the PhD Office **by 1.00 pm (Italian time) on Wednesday May, 27th 2020** according to the online procedure described in paragraph 2 below; failure to do so will result in exclusion from the selection process. This online procedure is available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > How to apply online.

2. The procedure involves two stages, each of which is obligatory in order to participate in the selection process:
   a) completing and saving the admissions application online via the specific link given for each PhD course. The application can only be considered saved when the candidate receives a submission confirmation email with a unique application code. This code will be used to identify the candidate during the various stages of the selection process (evaluation of qualifications and tests);
   b) registration on the university website, after which candidates are assigned a username and password to be used to accept the place in the event of successful admission to the PhD course, pursuant to art. 10. If you already have these login credentials for the reserved area (for example former university students), this phase is skipped.

3. Qualifications and publications, as described in Art. 5 and in the Annex “A” forms, must be submitted in PDF format (maximum file size is 10 MB) and uploaded only during the compilation of the online application form. Candidates may add, cancel or modify the documents after the completion of the online application form described in section 2 above, provided they do so before the deadline of the application process. **It is compulsory to attach a copy of a valid identity document.**

4. **As far as reference letters are concerned**, candidates must ask lecturers/specialists to submit the letter by means of an online procedure. To enable this procedure, when compiling their application, candidates must enter the email addresses of the lecturers/specialists concerned who will receive an email with instructions explaining how to upload their letters. The notification will be sent automatically to these university lecturers, researchers or other specialists only after the candidate has saved the application as described in subsection 2 above. Candidates will receive an email informing them that the letter has been uploaded although these letters will be viewed only by the PhD Office and the Admissions Committee. Lecturers/specialists must upload their letters by the application deadline. **Letters that are directly uploaded by candidates or delivered via other means will not be evaluated.**

5. Candidates who intend to participate in several PhD Programmes will have to present separate application forms, enclosing the necessary documents for each of PhD Programmes. Candidates who intend to participate in PhD Programmes with curricula, can apply for only one curriculum.

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2. Under the Presidential Decree No. 445 dated 28 December 2000 as subsequently amended, Italian and EU citizens only need to submit a Declaration of Certification concerning the following statuses and personal facts, certified by Public Administrations: a) inclusion on registers or lists kept by Public Administrations; b) membership of professional associations; c) qualification, examinations passed; d) professional qualification, specialisation, licence, training, refresher course or technical qualification; e) student status.

The Declaration of Certification must be duly signed. Non-EU citizens may use the Declaration of Certification limited to the states and to the facts that can be attested by Italian public subjects or in cases where the production of a Declaration of Certification takes place in application of international agreements between Italy and the country of origin of the declarant.

3. Modified with Rector’s Decree No. 328 on April, 8th 2020.
6. All documents in the previous paragraph 3 must be written preferably in Italian or English, or translated into Italian or English by and under the responsibility of the candidates.
7. With the exception of access qualifications described in Art. 3, paragraph 5 above, all qualifications must be obtained by the application deadline.
8. In the case of places reserved to scholarship holders of foreign states, candidates must prove that they possess a scholarship by July 31st 2020. For this reason they must attach a specific declaration to their application.
9. In the case of places reserved for employees of Companies who carry out highly specialised activities (Collaborative PhD Programme), the candidates must attach a specific declaration to their application.
10. Incomplete applications or applications lacking the compulsory qualifications described in Art. 5 above will not be considered.
11. The University will check the validity of all applications after the submission deadline. Candidates who submitted invalid applications will be excluded from the selection process and informed by email.
15. Candidates with disabilities intending to use the support provided for under Italian Law No. 104 dated 5 February 1992 must present their request during the online application, indicating the type of support required.
16. Candidates will be admitted to the selection process with the proviso that admission requirements are met; the verification procedure will be carried out in compliance with Art. 43 of Presidential Decree No. 445 dated 28 December 2000, n. 445. The University reserves the right to exclude candidates from the selection process at any time. The University will also verify the truthfulness of Personal Declarations of Certification submitted by candidates: anyone submitting false declarations will be punishable under the Italian Penal Code and all applicable laws.

Art. 7 - Admissions Committees
1. The Admissions Committees are composed of at least three members; the membership must be an uneven number, Chair included.
2. The Admissions Committees can be supplemented with up to two experts, chosen from public or private research Institutions in the case of externally funded scholarships. The Committee may also avail itself of the support of non-voting consultants for the assessment of specific disciplines.
3. Committees establish the assessment criteria and weighting of qualifications and examinations prior to the examination process, with regard to any aspects not covered by the Annex “A” forms.
4. During the assessment of qualifications, the Committee can supplement what the candidates declared with the information contained in the curriculum vitae et studiorum attached to the application form.
5. For PhD Programme with multiple curricula, there will be only one Admission Committee and it will be possible to have separate tests for each curriculum.

Art. 8 - Final shortlist
1. Eligible candidates will be admitted to each PhD Programme according to the shortlist until all available places are filled.
2. The final shortlist is unique for PhD Programmes with more curricula and the activation of the individual curriculum depends on the position in the ranking of the candidates who are applying for that curriculum.
3. Admission to each PhD Programme will be exclusively established by the online shortlists published on the University website http://www.unive.it/phd-degrees > Admission and in the online section of the Official University Register – Albo online, according to the terms laid down in the online announcement described in Art. 2, paragraph 4. Publication of this shortlist fulfils the document publication requirement: names will be indicated for successful and eligible candidates only. Candidates admitted will not receive personal communications.
4. PhD scholarships – described in Art. 9 – will be allocated according to the shortlist, regardless of candidates’ citizenship. In case of equally ranked candidates, scholarship allocation will take into account the candidate's household income (calculated according to the criteria set out in the current legislation governing access to higher education).
5. Candidates ranked in more than one shortlist must choose one PhD Programme only.
6. PhD scholarships awarded for specific topics will be assigned by the Admissions Committee on the basis of possible requirements described in Annex “A”, on the affinity with the research topics of candidates’ qualifications, their academic profile and the results of selection examinations.
7. In case of assignment of a scholarship bound to a specific topic, winners cannot opt for a free-topic scholarship, regardless of the ranking position, even in the event of waiver and replacement referred to in Art. 11 below. The candidates admitted with PhD scholarship bound to a specific topic are required to develop the theme of the research indicated by the scholarship during the
course of their studies. In case of absence or waiver of suitable candidates, the scholarships may be released, if expressly established by Annex “A”, from the topic or any additional requirements.

8. This shortlist may also be used for the allocation of research grants under current law.

**Art. 9 - PhD scholarships**

1. The PhD scholarship, which will be paid in monthly instalments, is €15,343.28 per year (including social insurance contributions payable by the scholarship holder). The PhD scholarship is exempt from local tax and income tax (IRPEF).

2. The PhD scholarship is renewable on an annual basis for the entire duration of the programme on the condition that the holder has completed the programme of activities provided from year to year, verified by the Teaching Board.

3. The PhD scholarship may be increased by up to 50% for a period of up to 18 months in the case of a study period abroad authorised by the Teaching Board.

4. From the second year onwards, all PhD students with PhD scholarship are entitled to a budget for research activities in Italy and abroad, for an amount that is equal to at least 10% of the PhD scholarship.

5. PhD scholarship cannot be combined with either research grants or other scholarships assigned for any reason whatsoever, with the exception of those granted by national or foreign institutions to integrate research or study periods abroad.

6. Candidates who received a PhD scholarship in the past cannot receive it again.

**Art. 10 - Accepting the place and enrolment**

1. Successful candidates within three working days of the date of publication of the shortlist on the University website (see online announcement described in Art. 2, paragraph 4) must, in order to avoid exclusion;
   a) complete the online enrolment procedure;
   b) pay the tax stamp and the regional tax for financial aid (tuition fees).

2. To fill out the enrolment online form, successful candidates must access their Personal Area of the website with the username and password assigned at the end of the registration process in Art. 6, paragraph 2 by clicking on: Menù > Enrolment > Enrolment to closed number courses (if they are Ca’ Foscari alumni, the path to follow is: Admission and enrolment > Enrolment > S3). Information regarding documentation to be enclosed at this stage can be found on the University web site at: http://www.unive.it/phd-degrees > Admission > Enrolment. At the same time as filling out the enrolment online form the candidate must pay the amount of fees due exclusively by Visa or Master Card by clicking on the following link: http://intra.unive.it/phpapps/pagamenti/dottorato/accesso.php. The English version can be reached from https://esse3.unive.it, by clicking on: Menù > eng > Login.

3. Submission of the enrolment form and payment of the fees due within the prescribed three working days are necessary requirement for acceptance of the place, under penalty of exclusion.

4. The enrolment procedure will be completed by the Post Lauream Office within seven working days. For students residing in non-EU countries, enrolment will be finalized only after they have obtained a visa. Each successful candidate will receive an email with an enrolment reminder containing the access credentials (student identification number and password) for the university website and IT services.

5. The Settore Orientamento e Accoglienza / Counselling and Welcome Sector will provide support to non-Italian winners for administrative formalities, such as the issue of visas, residence permits and tax codes, registration in the separate INPS scheme.

6. If the successful candidate is a graduating student, he must communicate, by July 31st 2020, the achievement of qualification to the Post Lauream Office by email to postlauream@unive.it, sending exclusively the Declaration of Certification if he is an Italian or an EU citizen in possession of a qualification obtained in Italy. For qualifications obtained abroad, candidates must send appropriate certification of the achievement of the degree (art. 4). In the event that any vacant places will be assigned to the next candidates in the ranking after 31 July 2020, the replacement applicant will be required, if he has not already done so, to submit the aforementioned documentation, showing that the admission requirement was achieved within the deadline set in art. 3, paragraph 5, in order to avoid exclusion.

7. In the event that the candidate is a foreign state scholarship holder, he must send, by July 31st 2020, the certification of the grant funder to the Post Lauream Office by email to postlauream@unive.it

8. Candidates cannot be enrolled in other PhD Programmes or other university courses held in other universities or research institutions, either in Italy or abroad, at the same time, except for International PhD Programmes and co-tutorship agreements (co-tutela). If already enrolled in a university programme, candidates must suspend their studies, if provided for under current law, for the entire duration of the PhD Programme, following the procedure established by the University where they first
Art. 11 - Waiver and replacement
1. In case of waiver (voluntarily giving up the place), and strictly within the prescribed three working days from the date of publication of the final shortlist on the University website, the candidate is required to give notice via email to postlauream@unive.it. After the aforementioned three working days without any explicit communication of waiver, the candidate will still be considered to have given up the place.
2. In case of waiver of one of the candidates, the place will be assigned according to the final shortlist order and according to the criteria expressed in art. 8, paragraphs 4 and 7. Candidates will be notified only by email. Acceptance must take place within three working days from the date of communication, with the same procedure indicated in art. 10, paragraphs 1 and 2.
3. In the event that the candidate who renounces the place was awarded with a PhD scholarship for specific topics, the scholarship may be reassigned, according to the ranking order, only to eligible candidate for the same scholarship, except as otherwise provided for in Annex “A”.
4. If the candidate renounces after he accepted the place, the amounts paid will not be returned.
5. In case of waiver after the beginning of the didactic activities, and in any case within the first four-month period, the Teaching Board will evaluate the opportunity to fill the available place.

Art. 12 - Tuition fees
1. The amount for university fees in the a. y. 2020/2021 includes:
   a) tax stamp of € 16.00;
   b) the regional tax for financial aid of € 172.00;
2. All PhD students are only required to pay tax stamp and the regional tax for financial aid.
3. The amount of the regional tax for financial aid may be further reduced on the basis of the student’s financial condition. Student fees will be calculated on the basis of the ISEE declaration including all reductions available to each student. Information regarding how to access fee reductions and relative deadlines and for presenting the ISEE form can be found at the Ca’ Foscari University website: http://www.unive.it/phd-degrees > Admission > Tuition fees.

Art. 13 - International PhD Programme e Collaborative PhD Programme
1. Following specific agreements with some foreign universities, international programmes that provide objectives, joint research programmes, mobility with the institute partner and the issue of a Double Degree are activated in the framework of some PhD programmes (see article 2, paragraph 1). In the Annex “A” forms, the places with PhD scholarship associated with these programmes are specified.
2. Following specific agreements with companies, in the Annex “A” forms places are reserved for employees with open-ended contracts, carrying out highly specialised activities (Collaborative PhD Programme). The training programme will be constructed in accordance with the company and with the Teaching Board of the PhD programme involved, and will include both attendance of university programmes and the implementation of research activity. The PhD student will be guided by two supervisors, one academic and one from the company. The employees will be admitted to the PhD programme only after passing the selection process.

Art. 14 - PhD Programmes in Management and in Science and Management of Climate Change: issue of qualification of Master of Research in Management Studies and Master of Research in Science and Management of Climate Change
1. PhD students enrolled in Management and Science and Management of Climate Change, who renounce to continue the studies or who achieve the PhD degree, will be awarded with a Master of Research in Management Studies and Master of Research in Science and Management of Climate Change, according to Regolamento dei Dottorati di ricerca (PhD regulations). The issue of the qualification will take place at the request of the interested students and after the fulfilment of all didactic duties.

Art. 15 - Privacy of personal information
1. The University undertakes to use the personal data provided by the candidate for the fulfilment of the call procedures and for institutional purposes in compliance with the provisions laid down in Regulation EU 2016/679 (“General Data Protection Regulation - GDPR”) and applicable national legislation (Legislative Decree 30 June 2003, no. 196 “Code regarding the protection of personal data”) as amended from time to time. The information on personal data processing are published online
at: www.unive.it/pag/36172/.

2. In compliance with the principles set out in the aforementioned law, participation in the competition implies consent to the publication of the personal data of successful and eligible candidates on the University website.

**Art. 16 - Ownership and publication of the results**

1. By participating in this call, the candidate accepts the provisions contained in the University Regulation regarding patents, available on the University website, page https://www.unive.it/pag/8261/ and in particular the provisions and obligations laid down in article 14 ("Obligations and rights of non-employees").

2. In case of enrolment, the candidate undertakes to sign suitable declaration on the matter.

**Art. 17 - Reference regulations and offices responsible**

1. For all matters not provided for by this Call for Applications, reference should be made to Italian legislation governing PhD Programmes and to the current regulations of the University, the following in particular: "Regolamento generale di Ateneo", "Regolamento didattico di Ateneo", "Regolamento dei Dottorati di ricerca di Ateneo", "Regolamento Carriere degli Studenti" and "Regolamento di Ateneo in materia di brevetti" ("General Regulations of the University", "Teaching Regulations of the University", "Regulations of the University PhD Programme", "Regulations of student careers" and "University Regulations concerning Patents").

2. Further information on this Call for Applications can be found at: http://www.unive.it/phd-degrees > Admission or requested from the PhD Office by email to phd.application@unive.it.

3. For more information on accepting place offers and enrolment, described in Art. 10 and Art. 11 above, contact the Post Lauream Office by email postlauream@unive.it.

Annexes:

Annex “A” - Fact sheets for PhD programmes

*Administrative Head: Dr Sabrina Daneluzzi*
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

Disclaimer: Please note that only the Italian version of the present call for applications, issued with Rector’s Decree No. 248/2020 is legally binding, the English version is provided for informational purposes only. The original Italian version is available at http://www.unive.it/dottorati > Accesso

Annex “A”
Fact sheets for current PhD programmes

List of fact sheets:

1 - PHD IN LAW, MARKET AND PERSON
2 - PHD IN ECONOMICS
3 - PHD IN PHILOSOPHY AND EDUCATIONAL SCIENCES
4 - PHD IN COMPUTER SCIENCE
5 - PHD IN ITALIAN STUDIES
6 - PHD IN MODERN LANGUAGES, CULTURES AND SOCIETIES, AND LINGUISTICS
7 - PHD IN MANAGEMENT
8 - PHD IN SCIENCE AND MANAGEMENT OF CLIMATE CHANGE
9 – PHD IN SCIENCE AND TECHNOLOGY OF BIO AND NANOMATERIALS
10 - PHD IN ENVIRONMENTAL SCIENCES
11 - PHD IN ANCIENT HERITAGE STUDIES
12 - PHD IN POLAR SCIENCES
13 - PHD IN HISTORY OF ARTS
14 - PHD IN ASIAN AND AFRICAN STUDIES

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<td>11 - PhD in Ancient Heritage Studies</td>
<td>11</td>
</tr>
<tr>
<td>12 - PhD in Polar Sciences</td>
<td>8</td>
</tr>
<tr>
<td>13 - PhD in the History of Arts</td>
<td>8</td>
</tr>
<tr>
<td>14 - PhD in Asian and African Studies</td>
<td>7</td>
</tr>
</tbody>
</table>

Total sum: 95

The parts highlighted with an asterisk have been modified in accordance with Rector Decree No. 328 on April 8th 2020 and with Rector Decree No. 367 on April, 22nd 2020 NEW!
1 - PHD IN LAW, MARKET AND PERSON
INTERNATIONAL PHD PROGRAMME WITH ASTRAKHAN STATE UNIVERSITY, RUSSIAN FEDERATION
ITALIAN-TAUGHT PROGRAMME

Research topics
Private law; Person law; European contract law; Consumer law; European commercial contract law; Business and company law; Economic law and financial markets; Competition and market law; Labour contracts; EU and comparative labour law; Public and constitutional law; Comparative, private and public law; Sources of law; EU law; International private and public law.

Admission requirements
- **Laurea specialistica** (second cycle/Master’s degree) in one of the following subject areas: 22/S Law; 64/S Economic sciences; 84/S Managements studies; 102/S Theory and techniques of legal texts;
- or **Laurea magistrale** (second cycle/Master's degree) in one of the following subject areas: LMG/01 Law; LM-56 Economics; LM-77 Business and economic sciences;
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad, comparable in terms of discipline field to the Italian qualification granting admission to the PhD Programme.

Candidates with **Laurea specialistica** or **Laurea magistrale** belonging to other areas may be admitted to the competition provided they have acquired, during their entire university studies, at least 30 ECTS in the disciplinary sectors of Area 12 - Legal Sciences. The possession of this requirement will be verified by the Admissions Committee during the preliminary meeting.

The admissions qualification must be obtained no more than 5 years before the date of the issue of the call.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
</tr>
</thead>
<tbody>
<tr>
<td>of which</td>
<td></td>
</tr>
<tr>
<td>1 funded by the Department of Economics and 1 co-funded by the Department of Economics</td>
<td>1 funded by INPS - the Italian National Social Security Institute - with topic restricted to: Welfare and Well-being, in particular on issues concerning the labour market, the pension system and welfare in Italy, as well as on issues of social security and employment law, including through the use of economic and statistical methodologies for the analysis of administrative data. The winner is required to complete a period of study and research at INPS - Veneto Regional Directorate lasting from a minimum of twelve (12) months to a maximum of eighteen (18) months and abroad for a minimum of one (1) month to a maximum of three (3) months. This scholarship is awarded only to candidates who, at the time of submitting the application for participation in the competition, are the children or orphans of persons registered with the Gestione unitaria delle prestazioni creditizie e sociali (Unified Management of Credit and Social Benefits) or of retired users of the Gestione dipendenti pubblici (Public Employee Management) (attach a Personal Declaration of Certification). The scholarship will be awarded subject to verification (sub condicione) of meeting the requirements and subsequent confirmation of financing by INPS.</td>
</tr>
<tr>
<td>2 bound to the following topics:</td>
<td></td>
</tr>
<tr>
<td>- Big data and fundamental human rights (*),</td>
<td></td>
</tr>
<tr>
<td>- Big data and competition (*).</td>
<td></td>
</tr>
<tr>
<td>In case of absence or waiver of suitable candidates, the scholarships may be released from the topics.</td>
<td></td>
</tr>
<tr>
<td>(*) The training and research plan will be defined by the Teaching Board at the beginning of the PhD programme.</td>
<td></td>
</tr>
<tr>
<td>1 bound to the research themes regarding Eurasian Economic Union - UEE within the International PhD Programme with Astrakhan State University (Russian Federation), with the obligation for the winner to carry out a mobility period at the partner University (lasting between 12 and 18 months). Knowledge of the Russian language at the basic level is preferential. In case of absence or waiver of suitable candidates, the scholarship may be released from the topic.</td>
<td></td>
</tr>
</tbody>
</table>

Total number of places available 8

Admissions procedure
Pursuant to Rector Decree No. 328 on April 8th 2020, the admission procedures will consist of an evaluation of qualifications and an oral examination via videoconference (see article 2, paragraph 5 of this announcement), with the exclusion of the previously scheduled written test. The new oral test will also focus on the topics that would have been the subject of the previously scheduled written test. The examination will be held in Italian language.

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

Language/s
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Qualifications eligible for assessment
Required qualifications (described in Art. 5 of the Call for Applications)
Optional qualifications
- Up to two reference letters by university professors, researchers or other experts;
- Scientific: monographs, book chapters, articles, with ISBN or ISSN, on topics related to the PhD’s subject;
- Other qualifications: certified research experience at a University or research institution; prizes or merit certificates; specialist master’s courses; attendance of postgraduate courses, also in languages; postgraduate scholarships for research. All qualifications must be into fields pertinent to the PhD programme.

Test and qualification assessment criteria
The Committee may assign up to 100 points as follows:
- Qualifications: 30 of which 12 for the PhD research proposal and 3 for each reference letter (minimum score for admission to interview 18/30). *
- Interview: 70. *

Minimum admission score: 60/100

Admission test subjects
Interview: the candidates will take a discussion on the topics developed in the written test and on other topics of the connected matters. The new oral examination will also focus on the topics that would have been the subject of the previously scheduled written test*. 

Further information
All PhD students must carry out a period of improvement at an international university or research institute for a minimum of 6 months, even if not continuous, according to the indications from the Teaching Board of the PhD programme.

The Teaching Board of the PhD programme, following the review of the candidate’s curriculum vitae et studiorum, may require the doctoral candidate to follow additional classes successfully to acquire more ECTS credits in Legal sciences, in order to complete his/her scientific profile or to carry out the research of the scholarship bound to specific topic.
**2 - PHD IN ECONOMICS**

**COLLABORATIVE PhD PROGRAMME WITH EURIZON CAPITAL SGR S.P.A.**

**ENGLISH- TAUGHT PROGRAMME - FOUR-YEAR DURATION**

**Research topics**

Microeconomics; Macroeconomics; Economic Theory; Public Economics; Labour Economics; Health Economics; Economics of Ageing; Experimental Economics; Computational Economics; Regional Economics; Econometrics, Bayesian Econometrics; Financial Econometrics; Finance; Financial Economics; Quantitative Finance; Mathematical Economics; Economic Statistics.

**Admission requirements**

- Laurea specialista/magistrale (second cycle/Master’s degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

The admissions qualification must be obtained no more than 5 years before the date of the issue of the call.

**Places available**

| MIUR/University scholarships | 3 |
| Other scholarships | 2 |
| Places reserved to employees of the Companies, who carry out highly specialised activities (Collaborative PhD Programme) | 1 |
| Places reserved to scholarship holders of foreign states | 1 |
| Total number of places available | 7 |

**Admissions procedure**

Assessment of qualification and interview in English language (via video conferencing as described in Art. 2, paragraph 5 of the Call for Applications).

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.

**Language/s**

Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

Optional qualifications

- Up to two reference letters by university professors, researchers or other experts;
- Scientific publications, including book chapters and working papers;
- Other certification that candidates consider useful in support of their applications (score obtained in GRE*, GMAT, TOEFL or other standard tests; specialist master's or other postgraduate courses; statements of research experiences in other universities or research institutions; awards and certificates). (*) The PhD Office receives GRE scores directly. Candidates taking GRE tests must enter the following code: **0881**. For more information on GRE tests, see [http://www.ets.org/gre](http://www.ets.org/gre).

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 75 of which 35 for the PhD research proposal and 7 for each reference letter (minimum score for admission to interview 50/75).
- Interview: 25.

**Minimum admission score: 60/100.**

**Interview subjects**

Discussion in English language of research proposal, and of previous studies and training.
3 - PHD IN PHILOSOPHY AND EDUCATIONAL SCIENCES
INTERNATIONAL PhD PROGRAMME WITH UNIVERSITÉ PARIS I PANTHÉON – SORBONNE, FRANCE
CURRICULUM IN PHILOSOPHY – CURRICULUM IN EDUCATIONAL SCIENCE
ITALIAN- TAUGHT PROGRAMME

Candidates may apply for only one curriculum in the PhD, as indicated in the art. 6, paragraph 5 of the call.

Research topics

Philosophy Curriculum: Theoretical Philosophy; Philosophical hermeneutics; Moral philosophy; Bioethics; History of Philosophy; History of Ancient Philosophy; History of Philosophy of the Renaissance; History of modern philosophy; History of contemporary philosophy; History of Science; Philosophy of Religion; Political philosophy; Philosophy of language; Aesthetics; Philosophy of Science; Philosophy of the social sciences; Logics.

Educational Science Curriculum: General pedagogy; Cognitive sciences; Social pedagogy; Intercultural pedagogy; Labour pedagogy; Dynamic psychology; Methodology and general didactics; Technologies for education and didactics; Social psychology; Neuroscience; Special pedagogy; System assessment and educational research; Philosophy of education.

Admission requirements

- Laurea specialistica/magistrale (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or second-level university qualifications granted by AFAM institutions (Alta Formazione Artistica e Musicale, "Advanced Artistic and Musical Training");
- or Master's degree qualification obtained abroad.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>3</th>
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<tbody>
<tr>
<td>of which 1 is bound to the research topic for the Philosophy curriculum in the framework of the International PhD Program with Université Paris I Panthéon – Sorbonne (France), with the obligation that the winner carries out a mobility period at the partner university (with a duration between 6 and 18 months). Knowledge of French language is required at a basic level and will be verified through the interview.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Other scholarships</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 funded by a private body bound to the research topic: “Martin Heidegger’s thought with particular reference to the writing “Contributions to Philosophy (From the Event)” [original title: “Beiträge zur Philosophie (Vom Ereignis)’] and to the notions of Lichtung (‘Clearing’), of Openness and space-time’. The projects must be presented in English.</td>
<td></td>
</tr>
</tbody>
</table>

Total number of places available 4

Admissions procedure

Assessment of qualification and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*. The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.

Language/s

Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

The PhD programme is mainly taught in Italian. The candidates who have a different mother tongue than Italian must have a good knowledge of Italian language. This knowledge will be verified during the interview.

Qualifications eligible for assessment

Required qualifications (described in Art. 5 of the Call for Applications)

Optional qualifications

- Up to two reference letters by university professors, researchers or other experts;
- Postgraduate diplomas;
- Postgraduate specialisation courses, attended either in Italy or abroad;
- Research activity carried out in private and/or public bodies under contracts, scholarships, research assignments, either in Italy or abroad;
- Publications.

Test and qualification assessment criteria

The Committee may assign up to 100 points as follows:
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

- Qualifications: 57 of which 43 for the PhD research proposal and 3 for each reference letter [minimum score for admission to interview (research proposal + qualifications) 28/57].
- Interview: 43.

**Minimum admission score**: 60/100.

**Interview subjects**

Admission test may be taken in Italian or English.
Discussion of scientific qualifications, research proposal and candidate's curriculum.
4. **PHD IN COMPUTER SCIENCE**

**INTERNATIONAL PhD PROGRAMME WITH MASARYKOVÁ UNIVERZITA, CZECH REPUBLIC**

**COLLABORATIVE PhD PROGRAMME WITH CIMOLAI S.P.A. AND EXPLORA BIOTECH S.R.L.**

**ENGLISH-TAUGHT PROGRAMME**

**Research topics**

All topics related to the scientific/disciplinary area in question, regarding both theoretical foundations and applications. The research topics developed in the PhD programme focus on the following: Bioinformatics; Computer vision and pattern recognition; Deep learning; Computing systems and performance evaluation; Data and web mining; Databases; Distributed and parallel systems and algorithms; Formal methods of computer science; Foundation of programming languages; Cybersecurity; System and network security; Web Security; Cryptography; Multimedia information systems; Human-Computer interaction; Programme analysis and verification; Web Technologies; Data Science.

**Admission requirements**

- Laurea specialistica/magistrale (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master's degree qualification obtained abroad.

**Places available**

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
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<tr>
<td>of which</td>
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<tr>
<td>1 is bound to the topic of “Cyber security” in the framework of the International PhD Programme with the Masarykova Univerzita (Czech Republic), with the obligation that the winner carries out a mobility period at the partner university (with a duration between 12 and 18 months). In case of absence or waiver of suitable candidates, the scholarship may be released from the topic.</td>
<td>1 funded by Institute of information science and technologies “Alessandro Faedo” (ISTI) of the National Research Council - CNR (headquarter Pisa) and bound to the topic: “Deep learning techniques for next generation context-aware recommendation and search systems”.</td>
</tr>
<tr>
<td>1 co-funded by Department of Environmental Sciences, Informatics and Statistics</td>
<td>2 funded by Fondazione Istituto Italiano di Tecnologia - IIT – Centre for Cultural Heritage Technology and bound to the topics:</td>
</tr>
<tr>
<td></td>
<td>• “Machine learning-supported detection of subsoil cultural sites”</td>
</tr>
<tr>
<td></td>
<td>The PhD Candidate will be involved in the ongoing Center for Cultural Heritage Technology (CCHT) research program in machine learning-aided detection of cultural heritage sites that can be recognised on remote sensing imagery. Within it, the PhD candidate will specifically develop advanced machine learning algorithms based on the use of representation learning in order to automatically identify various classes of sub-surface sites with a limited number of labeled earth observation (EO) data from open datasets. Methods to be investigated to this end may include auto-encoders, generative adversarial networks and self-supervised representation learning. This research will be undertaken within the CCHT facilities and in strict collaboration with CCHT experts in Cultural Heritage, Machine Learning and Conservation Sciences.</td>
</tr>
<tr>
<td></td>
<td>• “Machine learning-supported Historical Document Analysis and Ancient Handwritten recognition”</td>
</tr>
<tr>
<td></td>
<td>The PhD Candidate will be involved in the ongoing Center for Cultural Heritage Technology (CCHT) research program in machine learning-aided Historical Document Analysis and handwriting recognition that aims at developing a comprehensive system for automatic reading of ancient manuscripts or, more generically, texts. The PhD project will focus on developing state of the art computer vision and machine learning algorithms for document image enhancement, layout extraction, page segmentation, handwritten recognition and natural language processing. A multidisciplinary research group, CCHT will provide the prospect candidate with the opportunity to collaborate with researchers in chemistry to develop novel machine learning techniques for conservation of ancient manuscripts.</td>
</tr>
</tbody>
</table>

**Places reserved to employees of the Companies, who carry out highly specialised activities (Collaborative PhD Programme)**

<table>
<thead>
<tr>
<th></th>
<th>1 place reserved for an employee of Explora Biotech S.r.l. as part of the following project: “Towards computer-aided design for Synthetic Biology”.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 place reserved for an employee of Cimolai S.P.A. as part of the following project: “Structural design of steel megastructures by means of AI methods”.</td>
</tr>
</tbody>
</table>

**Total number of places available**

10
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

Admissions procedure
Assessment of qualifications and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations will be available on the University website at http://www.unive.it/phd-degrees > Admission - on June, 8th 2020*.

Language/s
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Qualifications eligible for assessment
Required qualifications (described in Art. 5 of the Call for Applications)
Optional qualifications

- Up to two reference letters by university professors, researchers or other experts;
- Scientific activity;
- Scientific publications;
- Postgraduate diplomas.

Test and qualification assessment criteria
The Committee may assign up to 100 points as follows:

- Qualifications: 70 of which 42 for the PhD research proposal and 5 for each reference letter (minimum score for admission to interview 50/70).
- Interview: 30.

Minimum admission score: 60/100.

Interview subjects
IT disciplines pertinent to the field of the candidate's research proposal.
5 - PhD in Italian Studies

International PhD Programme with Alpen-Adria-Universität Klagenfurt (Austria)
Italian-taught Programme

Research topics
Editing, analysis and interpretation of literary texts from the Middle Ages to the contemporary period, either in Italian or by Italian authors who have written in Latin, Greek, Provençal, Old French, as well as in modern languages or dialects or jargons. Relationship between the Italian language, literature and culture, and the ancient and modern cultures and literatures, which have come into contact with the former. Vulgar versions and translation of texts especially to and from Latin. Issues in historical linguistics and the history of Italian linguistics, of Medieval Latin-based languages and Italian dialects and the description of varieties of Italo-Romance languages of the past and the present. Literary civilisation of north-eastern Italy. Perspectives of Italian literary criticism.

Admission requirements
- Laurea specialistica magistrate (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or second-level university qualifications granted by AFAM institutions (Alta Formazione Artistica e Musicale, "Advanced Artistic and Musical Training");
- or Master's degree qualification obtained abroad.

The admissions qualification must be obtained no more than 5 years before the date of the issue of the call.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
</tr>
</thead>
<tbody>
<tr>
<td>of which 1 is bound to the International PhD Programme with the Alpen-Adria-Universität Klagenfurt (Austria), with the obligation that the winner carries out a mobility period at the partner University (with a duration between 12 and 18 months).</td>
<td>1 funded by Department of Humanities (&quot;Fondo per il finanziamento dei Dipartimenti universitari di Eccellenza&quot; - Legge 11 dicembre 2016, n. 232). The scholarship’s research must be connected to at least one of the main research topics covered by the PhD programme and must involve use of Digital Text Analysis tools and of Digital Archives. Experimental and interdisciplinary research proposals will be also considered.</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Places reserved to scholarship holders of foreign states</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 reserved to scholarship holders of China Scholarship Council – CSC</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

Total number of places available 6

Admissions procedure
Assessment of qualification, assessment of proposal research and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*. The admission test will be held in Italian.

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees). Admission - on June, 8th 2020.

Language/s
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Qualifications eligible for assessment

Required qualifications (described in Art. 5 of the Call for Applications)
Optional qualifications
- Up to two reference letters by university professors, researchers or other experts;
- Thesis or, in case of candidates gaining their degree by July, that part of the thesis that is available;
- Postgraduate scholarships;
- Attendance of postgraduate specialisation courses with a duration of at least six months;
- Scientific publications.

Test and qualification assessment criteria
The Committee may assign up to 100 points as follows:
- Qualifications: 50 of which 40 for the PhD research proposal and 2 for each reference letter [minimum score for admission to interview (research proposal + qualifications) 30/50]
- Interview: 50.

Minimum admission score: 60/100.
Interview subjects

The thesis will be object of the interview (or, in case the candidates will gain their degree by July, that part of the thesis that is available) and the research proposal presented by the candidate; the candidate’s aptitude for research and their capabilities in the discipline their project refers to will also be evaluated.
6 - PHD IN MODERN LANGUAGES, CULTURES AND SOCIETIES, AND LINGUISTICS

INTERNATIONAL PHD PROGRAMME WITH SORBONNE UNIVERSITE, FRANCE
INTERNATIONAL PHD PROGRAMME UNIVERZA NA PRIMORSKEM/UNIVERSITY OF PRIMORSKA, SLOVENIA
CURRICULUM IN MODERN LANGUAGES, CULTURES AND SOCIETIES – CURRICULUM IN LINGUISTICS
PROGRAMME TAUGHT IN ITALIAN AND IN THE LANGUAGES OBJECT OF STUDY

Candidates may apply for only one curriculum in the PhD, as indicated in the art. 6, paragraph 5 of the call.

Research topics

Modern Languages, Cultures and Societies Curriculum: the modern languages, literatures and cultures listed below; their stylistic, rhetorical, philological, historical and epistemological characteristics, analysed in terms of their context-bound specificities, as well as from a comparative perspective – that is, as a premise for communication between complex cultural systems:

- Anglo-American literatures and cultures
- English literature and culture
- Postcolonial literatures and cultures in English
- European French and Francophone literature and culture
- Ibero-American literatures and cultures
- Spanish, Catalan and Portuguese literatures and cultures from the Iberian Peninsula
- Lusophone literatures and cultures from Latin America and Africa
- German and Austrian literature and culture
- Literatures and cultures from the Slavic and Balkan area and relative to the following language areas: Albanian, Bulgarian, Czech, Croatian, Greek, Polish, Russian, Serbian and Slovenian

For the fields of the scientific-disciplinary sectors in areas listed above, comparative studies, novel studies, intercultural studies and inter arts studies will be available.

Linguistics Curriculum: Grammar theory; generative grammar; didactics of foreign languages, and of Italian as a foreign language. Typical and atypical first and second language acquisition and processing, bilingualism; Diachronic linguistics.

Admission requirements

- Laurea specialistica/magistrale (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or second-level university qualifications granted by AFAM institutions (Alta Formazione Artistica e Musicale, "Advanced Artistic and Musical Training");
- or Master's degree qualification obtained abroad.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th></th>
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<tbody>
<tr>
<td>of which</td>
<td></td>
</tr>
<tr>
<td>1 co-funded by the Department of Linguistics and Comparative Cultural Studies.</td>
<td></td>
</tr>
<tr>
<td>1 is bound to the International PhD Programme with Sorbonne Université (France), with the obligation that the winner carries out a mobility period at the partner university (with a duration between 6 and 18 months). Knowledge of French language is required at an intermediate level and it will be verified through the interview.</td>
<td>5</td>
</tr>
<tr>
<td>1 is bound to the International PhD Programme with Univerza Na Primorskom/University of Primorska (Slovenia) with the obligation that the winner carries out a mobility period at the partner university (with a duration between 6 and 18 months).</td>
<td></td>
</tr>
<tr>
<td>1 is funded by the Department of Linguistics and Comparative Cultural Studies and bound to the topic: “Languages and communication in deaf and deaf-blind individuals”. Candidates should have an advanced competence of Italian sign language and tactile Italian sign language; knowledge of communication systems of deaf-blind individuals; professional experience in sign language interpreting and tactile sign language interpreting.</td>
<td></td>
</tr>
</tbody>
</table>

Places reserved to scholarship holders of foreign states | 1 |

Total number of places available | 6 |

Admissions procedure

Assessment of qualifications and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*. The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) - Admission - on June, 8th 2020.
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Candidates are required to specify in the online application the knowledge of two languages chosen from the list below: Albanian; Bulgarian; Catalan; Czech; English; French; German; Modern Greek; Polish; Portuguese; Russian; Serbo-Croatian; Slovenian; Spanish.

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
- Scientific publications;
- Other degrees and academic qualifications obtained in Italy or abroad (specialist master's courses, postgraduate schools, postgraduate specialisation courses, PhDs);
- Research grants and postgraduate scholarships.

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 50 of which 40 for the PhD research proposal and 2 for each reference letter (minimum score for admission to interview: 40/50).
- Interview: 50.

**Minimum admission score**: 60/100.

**Interview subjects**

**Only for candidates in Modern Languages, Cultures and Societies Curriculum**: the interview (in Italian) involves a discussion of candidate's area of interest, research proposal and eventual scientific work submitted in addition to an assessment of proficiency in the two foreign languages chosen. International candidates will take their interview in a bridge language other than their mother tongue; their proficiency in Italian will also be assessed.

**Only for candidates in Linguistics Curriculum**: The interview (in Italian or English) involves a discussion of candidate's area of interest, research proposal and eventual scientific work submitted.
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

7 - PHD IN MANAGEMENT
INTERNATIONAL PhD PROGRAMME WITH SKEMA BUSINESS SCHOOL (FRANCE)

Research topics
Corporate and entrepreneurial theories; public, private and non profit company; Theories of credit and finance: financial function of companies and of bank and non-banking financial intermediaries; Accounting theories: national and international accounting principles; individual, group, civil and fiscal accounting, planning and control; Organization theories, Organization design, human resource management and competence analysis; Organizational economics and game theory; Business strategy and policy, marketing and economics and management of industrial sectors; Sustainability; Corporate governance and financial markets; Theories of innovation and entrepreneurship; Economic history; Organization and strategic choices of actors in the transport industry; Management of cultural production; Behavioural economics; Operations Research; Labour Law and Industrial Relations.

Admission requirements
- Laurea specialistica/maigistrale (second cycle/Master’s degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

The admissions qualification must be obtained no more than 8 years before the date of the issue of the call.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
<th>Places reserved to employees of the Companies, who carry out highly specialised activities (Collaborative PhD Programme)</th>
<th>Total number of places available</th>
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</thead>
<tbody>
<tr>
<td>of which 1 is bound to the topic of “Business administration and management” in the framework of the International PhD Programme with SKEMA Business School (France), with the obligation that the winner carries out a mobility period at the partner university (with a duration between 6 and 18 months).</td>
<td>2 funded by the Department of Management (&quot;Fondo per il finanziamento dei Dipartimenti universitari di Eccellenza&quot;- Legge 11 dicembre 2016, n. 232).</td>
<td>1 place reserved for an employee of H-Farm S.p.A. as part of the project: “Innovation, business model and organization design”</td>
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</table>

Admissions procedure
Assessment of qualification and interview in English language (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.

Language/s
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Qualifications eligible for assessment
Required qualifications (described in Art. 5 of the Call for Applications)
Optional qualifications
- Up to two reference letters by university professors, researchers or other experts;
- Scientific publications including working papers;
- Other certification that candidates consider useful in support of their applications (score obtained in GRE*, GMAT, TOEFL or other standard tests; specialist master’s or other postgraduate courses; statements of research experiences in other universities or research institutions; awards and certificates). (*) The PhD Office receives GRE scores directly. Candidates taking GRE tests must enter the following code: 0881. For more information on GRE tests, see [http://www.ets.org/gre](http://www.ets.org/gre).

Test and qualification assessment criteria
The Committee may assign up to 100 points as follows:
- Qualifications: 75 of which, up to 45 for the PhD research proposal, 5 for each reference letter and up to 10 for GMAT/GRE scores (4 points for score in the top 40%, 6 points for score in the top 30% and 10 points for score in the top 15%). Minimum score for admission to interview 50/75.
- Interview: 25.

Minimum admission score: 60/100.
Interview subjects
In-depth discussion of research proposal and future developments, and of previous studies and training, motivation for the study at the doctoral level with a full-time obligation for a four-year programme, assessment of proficiency in the English language (advanced level). For candidates without a GMAT/GRE score or with a GMAT/GRE score below the top 40%, the interview will also assess the candidate’s proficiency in logical and analytical/quantitative skills.

Further information
At the moment of the enrolment in the PhD program, students are expected to possess the math and statistics competences listed at the following link: https://www.unive.it/pag/7866/

If requested, a Master of Research in Management Studies will be awarded after completion of the PhD Program, as described in Art. 14 of the Call for Applications.
8 - PhD in Science and Management of Climate Change
PhD Programme in partnership with the Euro-Mediterranean Centre on Climate Change
English-taught programme - four-year duration

Research topics
General research topics include the dynamics of climate variations and change; methods and techniques for the management of climate change and its impacts; assessment of economic impacts of climate change; cost-benefit analysis of mitigation and adaptation policies; other issues related to climate change and management of climate-change-related environmental and socio-economic processes. More specifically, the PhD Programme focuses on:

- Climate Dynamics
- Atmospheric Dynamics
- Numerical Methods and Modelling for Geophysical Fluid Dynamics
- Climate Change Economics
- General circulation models
- Ocean Dynamics
- Glaciology
- Analysis of Climate Change Impacts and Policies
- Polar Climate and Sea Ice
- Data Assimilation in Geophysics
- Socio-Economic Impacts of Climate Change and Adaptation Strategies
- Risk Assessment and Decision Support System for Environmental Impacts of Climate
- Domestic and International Mitigation Policy

Admission requirements
- Laurea specialistica/magistrale (second cycle/Master’s degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

The admissions qualification must be obtained no more than 10 years before the date of the issue of the call.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
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</thead>
<tbody>
<tr>
<td>Other scholarships</td>
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</tbody>
</table>

Total number of places available

Total number of places available: 6

Admissions procedure
Assessment of qualifications and interview conducted in English (via video conferencing as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations will be available on the University website at http://www.unive.it/phd-degrees > Admission - on June, 8th 2020*.

Language/s
Candidates are required to have a certified English proficiency of at least the B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, or no later than December 31st, 2020 if acquiring it subsequently, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call). Candidates can also submit their TOEFL score, if obtained; its congruity with CEFR B2 level will be evaluated by the Commission.

Qualifications eligible for assessment
Required qualifications (described in Art. 5 of the Call for Applications)

Optional qualifications
- Up to two reference letters by university professors, researchers or other experts;
- GRE General test score (Graduate Record Examinations). The PhD Office receives GRE scores directly. Candidates taking GRE tests must enter the following code: 0881. For more information on GRE tests, see http://www.ets.org/gre. Candidates with higher GRE score will obtain higher evaluations.
- Specialist master's or other postgraduate courses, including thesis title and abstract in English;
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

- Scientific publications with abstract in English;
- Research experience acquired at universities or research institutes;

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 75 of which 30 for the PhD research proposal and 8 for each reference letter [minimum score for admission to interview (research proposal + qualifications) 45/75].
- Interview: 25.

**Minimum admission score:** 65/100.

**Interview subjects**

The interview, in English language, will involve a discussion of the candidate's research proposal and motivations, as well as evaluating skills acquired in subjects necessary for quantitative analysis and model generation such as mathematics and statistics. The interview will assess the candidate's competencies in foundation subjects as well as their motivation and adequate skills to fluently communicate in English language. In particular, candidates are required to know in detail the following:

- One variable calculus: set theory, elements of topology, sequences, series and their convergence, derivatives, monotonicity and extremes, optimization.
- More variables calculus: two variable functions, partial derivatives, hessian matrix, extrema; necessary and sufficient conditions; free and constrained optimization.
- Linear algebra: vectors, their operation and properties; linear dependency; matrices and their operation; determinant and inverse matrix; rank of a matrix; linear systems and their solution; Cramer theorem and degrees of freedom.

**Further information**

- Admitted candidates whose mathematical skills are not considered adequate are required to attend a Math preparatory course.
- During the second or third year, all PhD students must carry out a study/research period an international university or research institute.
- If requested, a *Master of Research in Science and Management of Climate Change* will be awarded after completion of the PhD Program, as described in Art. 14 of the Call for Applications.
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

9 – PhD IN SCIENCE AND TECHNOLOGY OF BIO AND NANOMATERIALS

PHD PROGRAMME IN PARTNERSHIP WITH NATIONAL CANCER INSTITUTE (CENTRO DI RIFERIMENTO ONCOLOGICO DI AVIANO - CRO)

INTERNATIONAL PHD PROGRAMME WITH KYOTO INSTITUTE OF TECHNOLOGY - KIT (JAPAN)

COLLABORATIVE PHD PROGRAMME WITH EXPLORA BIOTECH S.R.L.

ENGLISH-TAUGHT PROGRAMME

Research topics

- Evaluation of the impact produced by new technologies; management of technology transfer from laboratory to industry.
- Catalytic & photocatalytic organic & inorganic nanomaterials.
- Composite nanomaterials for energy and environmental applications.
- Nanomaterials for information technology. Theranostics: synthesis of organic (polymeric and/or micelles) or inorganic (mesoporous) nanostructures for drug delivery and as contrast medium for optical and/or magnetic imaging; study of the interaction of these nanostructures with the biological environment and their efficacy for in vivo and in vitro targeting.
- Advanced ceramic materials for medical applications (prostheses or prosthesis coatings); study of their interaction with biological systems, of degradation processes and the formation of biofilms.
- Simulation and numerical design of nanostructures obtained via self-assembly of anisotropic objects, or via folding of DNA and proteins.
- Electrochemical biosensors for the determination of contaminating ions in water and in foods and / or small molecules (e.g. drugs) in plasma. Study of the interphases between inorganic, organic and biological systems using Scanning Electrochemical Microscopy (SECM) and AFM with high spatial resolution.
- Development, production and application of targeted therapies in human diseases.
- Development of innovative in vitro evaluation systems of the interaction among nanosystems, tissues and organs to limit the use of in vivo tests (Organoids).

Admission requirements

- Laurea specialistica/magistrale (second cycle/Master’s degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

Places available

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<thead>
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<tbody>
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<td>1 is bound to the topic of “Biomolecular and Material Science and Technology” in the framework of the International PhD Programme with the Kyoto Institute of Technology - KIT (Japan), with the obligation that the winner carries out a mobility period at the partner university (with a duration between 12 and 18 months). In case of absence or waiver of suitable candidates, the scholarship may be released from the topic.</td>
<td></td>
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<tr>
<td>1 funded by Department of Molecular Sciences and Nanosystems</td>
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<table>
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<th>Others scholarships</th>
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</thead>
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<td>3 funded by National Cancer Institute (Centro di Riferimento Oncologico di Aviano - CRO)</td>
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</tr>
<tr>
<td>1 funded by Ecamicert S.r.l. and bound to the topic: “Nanocarrier and drug delivery, in vitro testing for safety and efficacy”</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Places reserved to employees of the Companies, who carry out highly specialised activities (Collaborative PhD Programme)</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 place reserved for an employee of Explora Biotech S.r.l. within the project: “In vivo characterization of Bio-bricks for synthetic biology”</td>
<td></td>
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</tbody>
</table>

Total number of places available | 8 |

Admissions procedure

Assessment of qualification and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations (will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

**Language/s**

Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
- Certified scientific activity;
- Publication;
- Postgraduate diplomas.

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 60 of which 35 for the PhD research proposal and 4 for each reference letter (minimum score for admission to interview 35/60).
- Interview: 40.

**Minimum admission score:** 60/100.

**Interview subjects**

The interview will cover mainly: research proposal; topic of the degree thesis; scientific experience of the candidate. Candidate will also explain the reasons for choosing the topic of the proposal and how he intends to develop it in practice.

The Committee will verify the aptitude of the candidate for scientific research. Linguistic proficiency will also be assessed.

Assessment criteria: clarity, competence and methodological rigour of exposition.
### 10 - PhD IN ENVIRONMENTAL SCIENCES

**COLLABORATIVE PhD PROGRAMME WITH TECH UNIVERSAL**

**ENGLISH-TAUGHT PROGRAMME**

#### Research topics

- Biology; Ecology; Environmental chemistry; Dynamics of environmental processes; Environmental reclamation and technologies; Earth science; Territorial and resource management; Microbiology; Environmental biotechnology and biochemistry; Environmental physics.

#### Admission requirements

- **Laurea specialistica/magistrale** (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

The admissions qualification must be obtained no more than 10 years before the date of the issue of the call.

#### Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
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</thead>
<tbody>
<tr>
<td>MIUR/University scholarships</td>
<td>Other scholarships</td>
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<tr>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Places reserved to employees of the Companies, who carry out highly specialised activities (Collaborative PhD Programme)

- 1 place reserved for an employee of Tech Universal as part of the project: "Solid waste management in Lebanon (Waste to Energy)"

**Total number of places available**: 9

#### Admissions procedure

Assessment of qualification and interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications). The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020.

#### Language/s

Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

#### Qualifications eligible for assessment

**Required qualifications** (described in Art. 5 of the Call for Applications)

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

- Scientific activity;
- Scientific publications;
- Postgraduate diplomas.

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 70 of which 42 for the PhD research proposal and 5 for each reference letter (minimum score for admission to interview 50/70).
- Interview: 30.

**Minimum admission score:** 60/100.

**Interview subjects**

The interview will cover the disciplinary areas of the research proposal and may include a discussion of the qualifications submitted by the candidate.
11 - PHD IN ANCIENT HERITAGE STUDIES
PHD PROGRAMME IN PARTNERSHIP WITH UNIVERSITY OF TRIESTE AND UNIVERSITY OF UDINE
ITALIAN-TAUGHT PROGRAMME

Research topics
Ancient world literature and philology (Greek language and literature; Latin language and literature; classical philology; papyrology; Greek and Latin palaeography; early Christian literature; medieval Latin literature); archaeology (prehistoric and protohistoric archaeology; ancient Near Eastern history of art and archaeology; Egyptology; Phoenician-Punic Archaeology, Anatolian; Classical archaeology; Etrusco and Italic archaeology; ancient topography; medieval and Christian archaeology); ancient history (Greek history and epigraphy; Roman history and Latin epigraphy; ancient Near Eastern history; Assyriology, numismatics; history of ancient historiography). Interdisciplinary topics: Linguistics; history of ancient philosophy; history of medieval philosophy; classical tradition and reception; history of ancient Mediterranean religions; digital humanities.

Admission requirements
- **Laurea specialistica** (second cycle/Master’s degree) in one of the following subject areas: 2/S - Archaeology; 5/S - Library studies; 11/S – Conservation of scientific and industrial heritage; 12/S – Conservation and restoration of cultural heritage; 15/S – Philology and classical literature; 16/S – Modern philology; 17/S – Philology and history of science; 18/S – Theoretical, moral, political and aesthetic philosophy; 24/S – Computer Science for humanities; 40/S – Italian language and civilisation; 41/S-African and Asian languages and literature; 44/S - Linguistics; 72/S – Religion studies; 83/S Economics for environment and culture; 93/S – Ancient history; 94/S – Contemporary history; 95/S – History of art; 96/S - History of philosophy; 97/S – Medieval history; 98/S – Modern history;
- or **Laurea magistrale** (second cycle/Master’s degree) in one of the following subject areas LM-2 - Archaeology; LM-5 - Library studies; LM-11 – Conservation and restoration of cultural heritage; LM-14 – Modern philology; LM-15 – Ancient philology, literature and history; LM-36 – Languages and literature of Africa and Asia; LM-39 - Linguistics; LM-43 – Information technology methods for the humanities; LM-64 – Religion; LM-76 Environmental and cultural economics; LM-78 – Philosophy; LM-84 – History of art; LM-89 – History of art; LMR/02 – Conservation and restoration of cultural heritage.
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad, comparable in terms of discipline field to the Italian qualification granting admission to the PhD Programme.

The admissions qualification must be obtained no more than 10 years before the date of the issue of the call.

Places available

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<tr>
<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
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</thead>
<tbody>
<tr>
<td>3 funded by Ca’ Foscari University of Venice</td>
<td>1 funded by Department of Humanities (“Fondo per il finanziamento dei Dipartimenti universitari di Eccellenza” - Legge 11 dicembre 2016, n. 232). The scholarship’s research must be focused in the field of Digital Humanities and the dissemination and sharing of research results (Public Humanities), in connection with at least one of the main research topics covered by the PhD programme.</td>
</tr>
<tr>
<td>3 funded by University of Trieste</td>
<td>1 funded by Fondazione Istituto Italiano di Tecnologia (IIT) – Centre for Cultural Heritage Technology for the development of research activities in the field of Protection of Cultural Heritage; the title of the topic is: Antiquities protection through digital approaches (Machine Learning). The funding is intended for a PhD project on computer applications (Machine Learning) for the preservation and safeguard of archaeological objects at risk. The PhD project will focus on the identification of potentially trafficked archaeological items circulating in the antiquities market. The candidate will develop machine-learning methods to automatically identify the presence of looted antiquities in existing digital catalogues through the automated analysis of photographic images and their metadata.</td>
</tr>
<tr>
<td>3 funded by University of Udine</td>
<td></td>
</tr>
</tbody>
</table>

Total number of places available 11

Admissions procedure
Pursuant to Rector Decree No. 328 on April 8th 2020, the admission procedures will consist of an evaluation of qualifications and an oral examination via videoconference (see article 2, paragraph 5 of this announcement), with the exclusion of the previously scheduled written test. The new oral test will also focus on the topics that would have been the subject of the previously scheduled written test. The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.

Language/s
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

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29/36
Candidates are required to specify in the online application the knowledge of a second language of their choice that will be tested during the interview. Candidates may not choose the language of their country of origin.

However, the official language of the PhD programme is Italian and knowledge of this language is a prerequisite for participation in learning activities.

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
- Scientific publications;
- Postgraduate diplomas, Specialist Master’s Programmes or SSIS (Post-Graduate Teacher Training College) diplomas;
- Scientific activities such as: participation in and management of archaeological excavations, organisation of laboratories; scholarly and publishing activities; collaborations with Museums and Cultural Heritage Bodies; presentations at conferences and seminars;
- Extracurricular learning activities;
- Teaching experience in secondary schools or universities;
- Extracurricular internships and placements;
- Foreign language certificates.

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 50 of which 40 for the PhD research proposal and 2 for each reference letter (minimum score for admission to interview 30/50). *
- Interview: 50. *

**Minimum admission score:** 60/100.

**Admission test subjects**

The interview will include a discussion of the written test and the research proposal, which will be evaluated for pertinence to the areas of study of the PhD programme; it will also examine the candidates’ previous learning and research experience as well as their language proficiency and general educational background.

The new oral examination will also focus on the topics that would have been the subject of the previously scheduled written test*. There will be verified the specific skills for the development of the topics of the scholarships related to Digital and Public Humanities project and to the project funded by Fondazione Istituto Italiano di Tecnologia (IIT) – Centre for Cultural Heritage Technology. International candidates may choose to be interviewed in English.
12 - PhD IN POLAR SCIENCES

PhD PROGRAMME IN PARTNERSHIP WITH THE NATIONAL RESEARCH COUNCIL - CNR AND WITH UNIVERSITY OF MILANO-BICOCCA

ENGLISH-TAUGHT PROGRAMME - FOUR-YEAR DURATION

**Research topics**

The objective of the PhD programme in Polar Sciences is oriented on topics related to recent and past environmental and climate changes of the polar regions and of the glaciated areas of high altitude/low latitudes sites. The state of the art of the scientific knowledge will be made available for the students for building a robust scientific understanding of the processes regulating the climate changes occurring in the polar regions with an interdisciplinary approach. More in detail the following topics will be treated:

- Climate Dynamics
- Atmospheric Dynamics
- Glaciology
- Ice core sciences
- Ice sheet Modeling
- Polar Biology
- Polar Oceanography
- Paleoclimate
- Paleoceanography
- Polar Climate
- Remote Sensing
- Polar Geography and Geopolitics
- Spectral Methods for Climatic Time Series
- Data mining

**Admission requirements**

- Laurea specialistica/magistrale (second cycle/Master's degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master’s degree qualification obtained abroad.

The admissions qualification must be obtained no more than 10 years before the date of the issue of the call.

**Places available**

<p>| MIUR/University scholarships | 2 |</p>
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<th>Other scholarships</th>
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<tbody>
<tr>
<td>4 funded by the National Research Council – CNR, of which 2 on research topics related to the National Antarctic Research Program (PNRA) and 1 on research topics concerning the Arctic Research Program (PRA)</td>
<td>6</td>
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<tr>
<td>1 funded by University of Milano-Bicocca</td>
<td>1</td>
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<tr>
<td>1 funded by University of Insubria and bound to the topic: “Permafrost monitoring and Climate Change impacts in Antarctica”</td>
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</tr>
</tbody>
</table>

**Total number of places available**

| 8 |

**Admissions procedure**

Admissions are based on the assessment of qualifications and an interview in English (via video conference as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees) > Admission - on June, 8th 2020*.

**Language/s**

Candidates are required to have a certified English proficiency of at least the B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, or no later than December 31st, 2020 if acquiring it subsequently, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

- GRE General test score (Graduate Record Examinations). The PhD Office receives GRE scores directly. Candidates taking GRE tests must enter the following code: 0881. For more information on GRE tests, see http://www.ets.org/gre. Candidates with higher GRE score will obtain higher evaluations.
- Specialist master's or other postgraduate courses, including thesis title and abstract in English;
- Scientific publications with abstract in English;
- Research experience acquired at universities or research institutes;

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 70 of which 42 for the PhD research proposal and 5 for each reference letter [minimum score for admission to interview (research proposal + qualifications) 50/70].
- Interview: 30.

**Minimum admission score:** 65/100.

**Interview subjects**

The interview, in English language, will involve a discussion of the candidate's research proposal and motivations, as well as evaluating skills acquired in subjects necessary for quantitative analysis and model generation such as mathematics and statistics. The interview will assess the candidate's competencies in foundation subjects as well as their motivation and adequate skills to fluently communicate in English language.

**Further information**

During the second or third year, all PhD students must carry out a study/research period an international university or research institute.
**Research topics**
Analysis and history of buildings and their urban context, focussing in particular on their economic, construction and layout history, as well as their intended uses; the system of the arts, collecting, exhibitions and museology in medieval, modern and contemporary periods; historic-cultural and environmental heritage studied through documentation, imagery and multimedia, analysis of materials and structures; analysis and history of musical, theatrical and cinematographic artefacts; multimedia applications for the promotion of local artistic heritage; the contemporary system of art works and performance art, and the transformation in practices, exhibition and consumption of artefacts.

**Admission requirements**
- Laurea specialistica/magistrale (second cycle/Master’s degree);
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or second-level university qualifications granted by AFAM institutions (Alta Formazione Artistica e Musicale, “Advanced Artistic and Musical Training”);
- or Master’s degree qualification obtained abroad

The degree courses must relate to the disciplines of art history, history of theatre, cinema or multimedia, to architectural or urban history, to history or economic history, to environmental geography.

**Places available**

<table>
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<th>MIUR/University scholarships</th>
<th>Other scholarships</th>
<th>Places reserved to scholarship holders of foreign states</th>
<th>Total number of places available</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
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<tr>
<td>MIUR/University scholarships</td>
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<td>4</td>
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<tr>
<td>of which</td>
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<tr>
<td>1 is bound to the topic “The relationship between figurative arts and music in the Russian context between the 19th and 20th centuries” in the framework of the International PhD Programme with the State Institute for Art Studies of the Ministry of Culture of the Russian Federation, with the obligation for the winner to carry out a mobility period at the partner University (for a duration between 6 and 18 months).</td>
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<tr>
<td>Other scholarships</td>
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<tr>
<td>1 funded by Qing dao Wan Mei Shengshi Technology Information Co., Ltd subject to verification (sub condicione) of the perfection of the agreement with Department of Philosophy and Cultural Heritage. The scholarship is bound to the topic: “New Technology and contemporary art, The Venice Biennale and Chinese artists”. The knowledge of the written and oral Chinese language is required at an advanced level and will be verified through the interview.</td>
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<td>3 funded by Project ERC Consolidator 2019 Action “Architectural Culture of the Early Modern Eastern Adriatic” (subject to verification - sub condicione – of hiring of prof. Jasenka Gudelj, PI of the project), bound to the following topics:</td>
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<td>• Early Modern Territoriality and Venetization: urban changes and public buildings in the Eastern Adriatic;</td>
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<td>• Catholic revival and religious architecture of the eastern Adriatic: Valier’s visitation and its aftermath;</td>
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<tr>
<td>• Military architecture between theory and practice of the Early Modern eastern Adriatic. Knowledge of the Croatian language at the basic level is preferential.</td>
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<td>Places reserved to scholarship holders of foreign states</td>
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<tr>
<td>1 reserved to scholarship holders of China Scholarship Council – CSC</td>
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<tr>
<td>Total number of places available</td>
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<td>9</td>
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</tbody>
</table>

**Admissions procedure**
Admissions are based on the assessment of qualifications and an interview (via video conferencing as described in Art. 2, paragraph 5 of the Call for Applications)*. The Committee may avail itself of qualified experts (inside or outside the Teaching Board) for the assessment of research proposals submitted.

The schedule of examinations will be available on the University website at [http://www.unive.it/phd-degrees](http://www.unive.it/phd-degrees). Admission - on June, 8th 2020.

**Language/s**
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

**Qualifications eligible for assessment**

**Required qualifications (described in Art. 5 of the Call for Applications)**

**Optional qualifications**

- Up to two reference letters by university professors, researchers or other experts;
- Specialist Master's Programme or other postgraduate courses;
- Scientific publications including working papers;
- Research experience acquired at universities or research institutes;
- Awards and certificates;
- Other relevant qualifications.

All qualifications must be into fields pertinent to the PhD programme.

**Test and qualification assessment criteria**

The Committee may assign up to 100 points as follows:

- Qualifications: 70 of which 45 for the PhD research proposal and 5 for each reference letter [minimum score for admission to interview 50/70].
- Interview: 30.

**Minimum admission score:** 70/100.

**Interview subjects**

The interview will cover mainly: research proposal; topic of the degree thesis; scientific experience of the candidate. Candidate will also explain the reasons for choosing the topic of the proposal and how he intends to develop it in practice.

The Committee will verify the aptitude of the candidate for scientific research. Linguistic proficiency will also be assessed.
Research topics
PhD research proposals are related to: a) transcultural approaches; b) studies in World Philology and have the following characteristics:

(a) Proposals from the humanities and social sciences that address connections in the North-African and Eurasian area by taking a transcultural approach. The topic may be studied from a diachronic or a synchronic perspective and should transcend the specific limitations imposed by more recent national and cultural boundaries and the institutions that reproduce them. Research objectives may cover topics such as alternative visions of cohesion and transnational governance, multinational cooperation and its impact on collective identities, cross-cultural contacts and communication, cultural activities and attitudes, social engagement, narratives and representations, the changing senses of aesthetics, and how these activities and attitudes challenge, disrupt or alter existing institutions, attitudes and practices.

(b) Research proposals within the “World Philology” field of study, a field of study that investigates philologies developed by different cultures across time, taken into consideration that critical text studies were not an invention that is exclusive to modern Europe or Hellenistic Alexandria. Rather, the consideration of the status and composition of texts, as well as the clarification of their linguistic features, is a cross-border phenomenon that exceeds any arbitrarily imposed limitations of time and space. Research proposals that fall into this direction can include peculiarities of philological analysis and practices developed within a single cultural tradition, but also the study of structured analogies and differences obtained from the comparison of philological practices of different cultural traditions. It is also possible to study traceable historical contacts that connect the philological practices from different cultural traditions. In addition to the study of methodologies and results of different philological approaches, applicants are invited to pay particular attention to the historical and sociological study of individual and institutional actors that have shaped philological practices, as well as to epistemological connections between the philological practices and the knowledge system established within the cultures of reference.

Languages: Arabic, Aramaic, Armenian, Azerbaijani, Chinese, Georgian, Hebrew, Hindi, Japanese, Korean, Mongolian, Persian, Sanskrit, Thai, Tibetan, Turkish, Vietnamese – other languages of interest: Russian, Urdu, Modern Greek.

Admission requirements

- Laurea specialista (second cycle/Master’s degree) in one of the following subject areas: 1/S - Cultural anthropology and ethnology; 2/S - Archaeology; 13/S Publishing, multimedia communication and journalism; 15/S Philology and classical literature; 16/S - Modern philology; 17/S - Philosophy and history of science; 18/S Theoretical, moral political and aesthetic philosophy; 22/S - Law; 39/S - Conference interpreting; 40/S – Italian language and civilisation; 41/S - African and Asian languages and literature; 42/S - Modern European and American Languages and Literatures; 43/S - Foreign languages for international communication; 44/S Linguistics; 55/S Tourism development and management; 60/S – International relations; 70/S - Political science; 72/S - Religion studies; 83/S Economics for environment and culture; 88/S Cooperation and development studies; 93/S - Ancient history; 94/S - Contemporary history; 95/S - History of art; 96/S - History of philosophy; 97/S - Medieval history; 98/S - Modern history; 102/S - Theory and techniques of legal texts; 104/S - Translation of literary and technical texts;
- or Laurea magistrale (second cycle/Master’s degree) in one of the following subject areas: LM-1 Cultural anthropology and ethnology; LM-2 - Archaeology; LM-14 – Modern philology; LM-15 Ancient philology, literature and history; LM-19 Information and publishing systems; LM-36 – Languages and literature of Africa and Asia; LM-37 - Modern Languages and Literatures European and American; LM-38 – Modern languages for international communication and cooperation; LM-39 Linguistics; LM-49 Tourism development and management; LM-52 – International relations; LM-62 – Political science; LM-64 – Religion; LM-76 Environmental and cultural economics; LM-78 Philosophical studies; LM-81 Development co-operation; LM-84 – Historical studies; LM-89 – History of art; LM-94 Specialist translation and interpreting; LMG/01 – Law;
- or degree obtained under the Italian university system in force prior to the Ministerial Decree no. 509/1999, harmonised under the Ministerial Decree dated 9 July 2009;
- or Master's degree qualification obtained abroad, comparable in terms discipline field to the Italian qualification granting admission to the PhD Programme.

In-depth knowledge of at least one of the languages listed for the research topics supported by the candidate's curriculum vitae et studiorum and assessed by the Committee during the preliminary meeting.

Places available

<table>
<thead>
<tr>
<th>MIUR/University scholarships</th>
<th>of which</th>
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<tr>
<td>2 bound to the topic: “World Philology”. In case of absence or waiver of suitable candidates, the scholarship may be released from the topic.</td>
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<tr>
<td>1 funded and 1 co-funded by the Department of Asian and North African Studies in order to realize the project “Dipartimenti Universitari di Eccellenza” (Legge 11 dicembre 2016, n. 232) in the framework of the International PhD Programme with the Heidelberg Universität (Germany), with the obligation for the winner to carry out a mobility period at the partner University of at least 12 months. The scholarships are aimed at financing mainly proposal related to: “Afro-Eurasian connectivity (e.g. Belt and Road; Silk Road; Cities as Independent Socio-cultural Systems) in a contemporary or diachronic perspective”.</td>
<td>5</td>
</tr>
</tbody>
</table>
Call for applications for admission to the 36th cycle of PhD programmes (2020/2021)

Other Scholarships
2 funded by the Department of Asian and North African Studies (“Fondo per il finanziamento dei Dipartimenti universitari di Eccellenza” – Legge 11 dicembre 2016, n. 232) in the framework for the International PhD Programme with Heidelberg Universität (Germany), with the obligation for the winner to carry out a mobility period at the partner University of at least 12 months. The scholarships are aimed at financing mainly research related to: “Afro-Eurasian connectivity (e.g. Belt and Road; Silk Road; Cities as Independent Socio-cultural Systems) in a contemporary or diachronic perspective”.

Places reserved to scholarship holders of foreign states
3 reserved to scholarship holders of China Scholarship Council – CSC

Total number of places available
10

Admissions procedure
Assessment of qualifications, assessment of proposal research, interview (via video conferencing interview as described in Art. 2, paragraph 5 of the Call for Applications)*.

The schedule of examinations will be available on the University website at http://www.unive.it/phd-degrees > Admission - on June, 8th 2020*.

Languages
Candidates are required to have certified English proficiency at least B2 level - under the Common European Framework of Reference for Languages (CEFR) - at the time of enrolment, except for the possibility of acquiring it subsequently, by no later than December 31st, 2020, otherwise they will be excluded from the PhD Programme (see art. 3, paragraph 6 of the call).

Candidates are required to specify in the online application the knowledge of one of the following languages (ancient or modern): Arabic, Aramaic, Armenian, Azerbaijani, Chinese, Georgian, Hebrew, Hindi, Japanese, Korean, Mongolian, Persian, Russian, Sanskrit, Thai, Tibetan, Turkish, Urdu, Vietnamese, Modern Greek.

Qualifications eligible for assessment
Required qualifications (described in Art. 5 of the Call for Applications)
Optional qualifications
- Up to two reference letters by university professors, researchers or other experts;
- Scientific publications;
- Other degrees and academic qualifications obtained in Italy or abroad (specialist master's courses, postgraduate schools, postgraduate specialisation courses, PhDs);
- Research grants and scholarships.

Test and qualification assessment criteria
The Committee may assign up to 100 points as follows:
- Qualifications: 50 of which 40 for the PhD research proposal and 2 for each reference letter [minimum score for admission to interview (research proposal + qualifications) 35/50, of which 30 must be for research proposal].
- Interview: 50.

Minimum admission score: 60/100.

Interview subjects
The interview involves a discussion of candidate's area of interest, research proposal and eventual scientific work submitted together with a review of argumentation skills; in addition is provided an assessment of proficiency in the foreign language chosen.