

Disclaimer: Please note that only the Italian version of the present call for applications, issued with Rector's Decree No. 934/2022 is legally binding, the English version is provided for informational purposes only. The original Italian version is available at <https://www.unive.it/pag/46367/>

## **NRRP Call for applications - Project “Interconnected Nord-Est Innovation Ecosystem” (iNEST) for admission to the 38<sup>th</sup> cycle of the PhD Programme in Computer Science (a.y. 2022/2023)**

Issued by Rectoral Decree n. 934 of 8 /11/2022

**Application deadline: 22<sup>nd</sup>, November 2022 h 1:00 pm (CET)**

### **Art. 1 - Purpose of the call and general rules**

1. Following the Directorial Decree of the General Secretariat – General management of research of Ministry of University and Research (MUR) no. 1058/2022 of 23 June 2022, the Ecosystem of Innovation “Interconnected Nord-Est Innovation Ecosystem (iNEST)” with subject matter “4.Digital, Industry, Aerospace” (subsidy application having identification code ECS00000043) was assigned resources for the Research and Innovation Programme “Interconnected Nord-Est Innovation Ecosystem (iNEST)”. For the project iNEST, Ca' Foscari University of Venice was assigned resources, which were partly allocated to the 38th-cycle PhD Programme in Computer Science (a.y. 2022/2023).
2. In implementation of the above, this call for applications for admission to 38th-cycle PhD Programme in Computer Science (a. y. 2022/2023) and the awarding of NRRP scholarship within the Project "Interconnected Nord-Est Innovation Ecosystem" (iNEST) is hereby announced.
3. This call for applications is published on the University website: <https://www.unive.it/pag/46397/> and under the digital section of the University Official University Register – Albo online. Any changes or integrations to this call for applications will be made available on the website mentioned above.
4. The PhD Programme in Computer Science has been positively evaluated by the National Agency for the Evaluation of Universities and Research Centres (ANVUR) to be officially recognised based on the provisions of the Italian Ministry of University and Research pursuant to Ministerial Decree 226/2021.
5. The PhD scholarships are all subject-specific. The subjects are indicated in Annex “A”, which represent an integral part of this call of applications.
6. Applicants who submit their application should be informed that the scholarship is subject to revocation if the implementation of the PhD Programme differs from the project approved for financing;
7. By submitting their admission application through the online procedure specified under Article 6, the applicant accepts the provisions and rules contained in this call;
8. The University shall send any relevant communications to the applicants via e-mail at the address specified by the candidate in the application form filled out through the online procedure (Article 6, Paragraph 2). Evidence of any communications containing terms and deadlines of any kind shall be constituted by the exact date and time reported on the e-mail sent and stored by the University.
9. Candidates are invited to submit their application in due time; the University assumes no responsibility for any disruptions due to technical issues and/or overloaded communication lines, and/or software and systems; it also assumes no responsibility whatsoever in relation to the candidate's incorrect communication of their e-mail address, late communication

of a change in the e-mail address, any possible inconvenience ascribable to external events, unforeseeable circumstances and force majeure.

10. Failure to comply with the rules contained in this call shall result in the candidate's exclusion.
11. The use of the masculine gender has no discriminatory character but, understood as a neutral gender, responds only to the needs of more immediate communication.

## Art. 2 - Call for application ad admission criteria

1. Ca' Foscari University of Venice announces a call for application to **2 NRRP PhD Scholarships with reference to the Ecosystem of Innovation "Interconnected Nord-Est Innovation Ecosystem" (iNEST)** for the admission to the 38<sup>th</sup>-cycle (academic year 2022/2023) of the PhD programme in Computer Science

PhD PROGRAMME	No. Of scholarships
COMPUTER SCIENCE	2

2. Candidates will be admitted to the PhD programme after passing a **selection process that includes evaluation of academic qualifications**. Annex "A" defines, for the above-mentioned PhD programme listed in paragraph 1: research topics, number of available places, admission requirements and candidate selection criteria used to produce the classification list.
3. The composition of Admissions Committee and the date for the announcement of the final shortlist results **will be available** on the University website at <https://www.unive.it/pag/46397/> and in the online section of the Official University Register – Albo online) – **on November, 23<sup>rd</sup> 2022**. The online announcement will be considered as the only notice.
4. The Course will last no less than 3 years. The doctoral programme relating to the positions activated under this Call will approximately start in December 2022 and will approximately end in November 2025.
5. Admission to the PhD implies the candidate's exclusive and full-time commitment. The PhD Teaching Board shall assess the presence of any incompatible educational/training activities by the doctoral candidates.

## 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*);
  - **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. Annex "A" specifies the type of academic qualifications required for admission to the selection process and any further necessary requirement.
3. If provided in the Annex "A" form, the equivalence of the Italian degree obtained before Ministerial Decree 509/1999 (*Laurea vecchio ordinamento – Old degree system*) with the degree classification of the "Laurea Magistrale" (second cycle qualification) must be self-certified by the candidate according to the Presidential Decree no. 455 dated 28 December 2000, as amended by Art. 15, paragraph 1 of Italian Law No. 185 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. Correspondence between the Master's Degrees classifications under Ministerial Decree 509/99 and the Master's Degree classification under Ministerial Decree 270/2004 is defined under Ministerial Decree of 9 July 2009.

5. Candidates who fail to obtain the required qualification by **November 22<sup>nd</sup> 2022**, deadline of this call for application, will be excluded from the selection procedure.
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 May, 31<sup>st</sup> 2023, 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/40886>).
7. No applications will be accepted from candidates already enrolled in other PhD programmes held by Ca' Foscari University.

#### 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.

Candidates must have a qualification that allows enrolment in a PhD programme in the Country where the qualification was obtained.

2. The suitability of the foreign qualification is verified by the Admission 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 the previous 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 May, 31<sup>st</sup> 2023, 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 in an academic course equivalent to a PhD, the candidate shall forfeit the PhD Programme and return the amount received hitherto.
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 the PhD Programme of the current call:
  - ***curriculum vitae et studiorum*** (preferably in the European (Europass) format);
  - **Candidate's PhD research proposal on the topic of the scholarship they want to apply for, according to the provisions under Annex' A'**. Each candidate can submit a single research proposal and must specify the research area of application. The proposal presented in the selection procedure will not necessarily be the same research project developed by the doctoral candidate during the PhD Programme. It should be noted that candidates must take into account, in drafting the proposal, the principle of "Do No Significant Harm" (DNSH) pursuant to Article 17 of Regulation (EU) 2020/852. Further indications to write the research proposal, if envisaged by the PhD Programme, will be published on the University website: <https://www.unive.it/pag/46397/>;
  - **Certificate of Master's degree exams passed with grades** (Master's/Specialisation Degree / Degree obtained under the previous University system / academic qualification obtained abroad); Italian and EU citizens can submit a declaration in

place of the certification as under Presidential Decree no. 445 of 28 December 2000 as amended by Article 15, paragraph 1 of Law no. 183 of 12 November 2011<sup>1</sup>.

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 PM (Italian time) of November, 22<sup>nd</sup> 2022** according to the online procedure described in paragraph 2 below and available on the University website at <https://www.unive.it/pag/46397/>.
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);
  - b) **registration on the University website** by accessing the page <http://www.unive.it/registrazione> or [www.unive.it/registrazione](http://www.unive.it/registrazione), which is compulsory in order to be able to confirm admission to the PhD course upon selection, as per Art. 10.

If you have already registered (e.g., to take part in previous years' calls for applications or as a former student of Ca' Foscari) this step must be skipped.

Access to the reserved area for confirmation purposes can take place in three ways, depending on the status of the applicant:

- those who have a student number and a password (as former students of the University) can log in with their credentials;
- once registered, applicants of Italian nationality or currently residing in Italy who do not have a student number and a password must log in through SPID.

WARNING: access to the website will be possible from the day after registration at [www.unive.it](http://www.unive.it)

To obtain the SPID, visit <https://www.spid.gov.it/>:

- once registered, applicants of a nationality other than Italian who are not currently in Italy and have no student number and password may request credentials via the link [www.unive.it/nospidaccess](http://www.unive.it/nospidaccess).

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 Admission 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. 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.
6. All qualifications must be obtained by the application deadline.

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<sup>1</sup> For instance, candidates must exclusively submit a declaration in place of the certification (Article 46 of Presidential Decree no. 445/2000), duly signed by the concerned party and validated by public office holders, to certify the following cases: a) registration to specific registries, or lists of the PA; b) membership in specific professional associations; c) qualification, transcript of records; d) any professional qualification, specialisation, licence, training, refresh course, or other technical qualification; e) the status of student undergoing a course of study. Non-EU citizens can solely use the declaration in place of the certification for facts and events that can be certified by Italian public entities, or, if the declaration in place is produced in implementation of international conventions ratified between Italy and the applicant's Country of origin.

7. Applications lacking the compulsory qualifications described in Art. 5 above will not be considered.
8. 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.
9. 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.
10. Candidates will be admitted to the selection process with the provision 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 communication will be given using the e-mail address indicated by the candidate, pursuant to art. 6, paragraph 2. 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 - Admission Committee**

1. The Admission Committee is composed of a minimum of three members to a maximum of five members, including the Chair.
2. The Admission Committee can be supplemented with up to two experts, chosen from public or private research Institutions, provided that the overall composition is an odd number. The Committee may also avail itself of the support of non-voting consultants for the assessment of specific disciplines.
3. The Admission Committee may use telematic tools for collegial work.
4. The Committee establishes 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" form.
5. 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.
6. During the selection procedures, the Admission Committee will evaluate the coherence of the research proposal with the DNSH subject's prescription and will assure that the selection will take place respecting the equal gender opportunities, as established in the Avviso MUR no. 3277 (30/12/2021) and in compliance with the Art no. 47 "Equal generational and gender opportunities in NRRP and PNC public contracts" of the Law Decree no. 77 of May, 31<sup>st</sup> 2021, which was converted in law no.108 on July, 29<sup>th</sup> 2021.

#### **Art. 8 - Final shortlist**

1. Eligible candidates will be admitted to the PhD Programme based on their ranking and up to the end of available places.
2. For admission to each PhD Programme, candidates shall refer to the rankings published on the University website: <https://www.unive.it/pag/46397/> and under the digital section of the University Official Journal -online journal within the deadline provided under Article 2, paragraph 3 of the online call. This publication fulfils the obligation for the publicity of legislative acts: only the names of eligible and winning applicants shall be indicated. The winning applicants will not receive any personal communication.
3. The scholarships defined under Article 9 shall be assigned based on the candidates' ranking, regardless of their citizenship. Where there are equal merits, preference will be given to candidates according to their financial situation, as defined under the existing law on the right to study.
4. All scholarships are bound to a specific topic, and they will be assigned by the Board (also considering all additional requirements provided under Annex' A'), based on the qualifications' consistency and the candidate's profile in relation to the scholarship topic.
5. During their doctoral period, the admitted candidates shall develop the research area related to the awarded scholarship.

#### **Art. 9 - PhD Scholarships**

1. The amount provided for the scholarship - divided into monthly instalments - is equal to EUR 16,243.00 per year, gross of social security costs, to be borne by the applicant. The PhD scholarship is exempt from the Income Tax and Local Tax on Earnings (IRPEF).



2. The PhD scholarship has a duration of one year and can be renewed for the entire duration of the PhD Programme subject to completion of all doctoral activities on behalf of the doctoral student, as verified by the Teaching Committee.
3. Should the candidate conduct research abroad – as authorised by the Teaching Committee - the scholarship amount shall be increased up to 50% more for a total period of no more than 12 months for three-year courses.
4. Each doctoral student awarded a scholarship shall be allocated a budget to conduct research in Italy and abroad. This budget should not be less than 10% of the PhD scholarship.
5. The scholarship shall not be paid concurrently with other research grants of any kind, except for those offered by national or foreign institutions which may be helpful to completing the doctoral students' education and research activity abroad.
6. Applicants who have already benefited from a PhD scholarship cannot benefit from it a second time.
7. Each PhD student must report on the activities carried out on a two months-basis (or at the deadlines indicated by the MUR), producing the overall documentation according to the methods and forms indicated by the MUR. The Coordinator of the PhD Programme will be responsible for verifying and validating what is indicated by the PhD student.
8. For the doctoral student awarded with an iNEST scholarship it is not possible to renounce the scholarship and continue the PhD Programme.
9. In the event of failure to obtain the degree or in the event that the doctoral student is not positively assessed for the purpose of renewal of the scholarship, or in the event that the student withdraws from the PhD Programme, the Ministry will partially revoke the funding. In the event of withdrawal, the doctoral student is required to return the amounts paid in relation to the academic year being attended at the time of the withdrawal.

#### **Art. 10 - Acceptance of the place and enrolment**

1. Subject to exclusion, the winning applicants shall comply with the following procedures **within three working days** from the date of publication of the ranking on the University website (see online notice as under Article 2, paragraph 3):
  - a) Compilation of the pre-enrolment form available online;
  - b) Payment of the tax stamp and the regional tax for financial aid (*tuition fees*).

The online pre-registration application must be accompanied by a declaration in which applicants:

- declare to acknowledge the provisions under Directorial Decree of the MUR, prot. n. 1058/2022 of 23/6/2022, and by the MUR Notice n. 3277 (30/12/2021);
- they formally undertake to respect the principles and priorities of the NRRP throughout the research activity: the research activities proposed and planned will respect the "Do No Significant Harm" (DNSH) principle, i.e. they will not cause significant damage to the environment; at the same time, certifying that they are aware that failure to comply with these principles will result in the revocation of the scholarship;
- they certify that they are aware that the modification of the project objectives and the expected results (if not previously communicated and evaluated by the MUR) will result in the revocation of the scholarship and the total refund of any amounts already paid;
- declare to be aware that a negative opinion of the Teaching Board and subsequent non-admission to the following year of the PhD will give rise to the repayment of the amounts allocated over the last academic year;
- declare that they are not currently benefiting from other grants or scholarships of any kind and commit not to benefit from other grants or scholarships of any kind over the whole duration of the PhD Programme, except for those permitted under the existing national law.

2. To fill in the online pre-enrolment form, applicants shall log in to their Personal Area on the University website according to the procedures laid down under Article 6, paragraph 2, and access the following area: Menu > Secretary Office > Enrolment > Courses with an admission test (if former students follow this path: Admission and Enrolment > Enrolment - S3). Complete information on the documents required for this procedure is available on the University website at: <https://www.unive.it/pag/28045/>  
Upon submission of the enrolment application, the applicant must pay the due taxes through the PagoPA system by clicking on the button 'Payments', which will appear at the end of the enrolment procedure.  
Detailed guidelines on the payment procedure are available at <https://www.unive.it/pag/28045/>
3. The submission of the pre-enrolment application and the payment of the due taxes within the mandatory three working days are necessary to accept the place, under penalty of exclusion.

4. The **final enrolment** will be carried out in the back office by the Post Lauream Office **within 7 working days from the acceptance of the scholarship**. In the case of students residing in non-EU countries, final enrolment will still occur within the same period of time, but it is subject to obtaining an entry visa. Each student will receive an e-mail confirmation of enrolment containing access credentials (matriculation number and password) to the University's computer 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. Should the winning candidate be a graduating student at the time of submitting the application, but has obtained the degree by 22 November (as required by Article 3, paragraph 5), he must communicate the achievement of the Degree to the Post Lauream Office by e-mail at [postlauream@unive.it](mailto:postlauream@unive.it), by 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 suitable certification proving that they obtained the qualification in accordance with Article 4. In the event of the rankings being short-listed, any new candidates shall be required, if they have not already done so, to submit the aforementioned documentation proving that the qualification valid for access was obtained within the deadline referred to in Article 3, paragraph 5, under penalty of exclusion.
7. Concurrent enrolment in the PhD Programme and in other university study programmes established at other Italian and/or foreign universities or research institutes is permitted in accordance with the provisions of Law 33/2022 (Provisions regarding simultaneous enrolment in two higher education courses) and related implementing decrees. Simultaneous registration must be declared at the time of submitting the application. The University may subsequently request additional documentation from the candidate relating to the enrolment course of study.

#### **Art. 11 - Withdrawals and ranking shifts**

1. In the event of withdrawal, and always within the prescribed three working days from the date of publication of the ranking on the University website, the candidate must notify the University by e-mail at [postlauream@unive.it](mailto:postlauream@unive.it). Once the three working days mentioned above have elapsed without receipt of any explicit notice of withdrawal, the candidate shall in any case be considered to have withdrawn.
2. Should one of the candidates withdraw, the place will be assigned to the first eligible candidate in the order of ranking and according to the criteria set out in Article 8, paragraph 3, and in any case no later than 23 December 2022. Interested candidates will be notified exclusively by e-mail to the address they declared at the time of pre-enrollment or that is already present in the ESSE3 registry. The candidate is required to check his / her e-mail box and the university declines any responsibility in case of failure / late verification of the communication. Acceptance must take place within three working days from the date of the notification, according to the same procedures indicated in Article 10, paragraphs 1 and 2.
3. In the case of withdrawal by the winner, the scholarship may be reassigned according to the ranking order only to those candidates who are eligible for the specific research topic of the scholarship itself.
4. If the withdrawal occurs after the place has been accepted, the regional tax and stamp duty paid will not be refunded.

#### **Art. 12 - Tuition Fees**

1. The amount of tuition fees for the academic year 2022/2023 includes the following items:
  - a) stamp duty, EUR 16.00;
  - b) regional tax for the right to study, EUR 176.00.
2. All PhD students are only required to pay the stamp duty and the regional tax for the right to study.
3. Reductions may be applied to the amount of the regional fee for the right to study, depending on the student's financial situation. The calculation of the fee to be paid will be accurate and determined according to each student's income tax (ISEE) for subsidised benefits for the right to university study. The procedures and deadlines for requesting benefits and submitting the income tax (ISEE) certificate are published on the University website on the page: <https://www.unive.it/pag/20469/>.
4. The administrative deadlines relating to fees remain common to those of those enrolled in the same PhD cycle.

### **Art. 13 - Processing of Personal Data**

1. The University undertakes to use the personal data provided by the applicant for the fulfilment of the selection procedures and for institutional purposes in accordance with the provisions of the EU Regulation 2016/679 ('General Data Protection Regulation - GDPR') and the applicable national legislation (Legislative Decree 30 June 2003, no. 196 "Personal Data Protection Code") and subsequent amendments. The information notice is published online at the following address: <https://www.unive.it/pag/36172>.
2. By participating in the competition, applicants consent to their personal data being published on the University's website, in compliance with the principles set out in the above-mentioned law.

### **Art. 14 - Patents, confidentiality, intellectual property, and personal data protection**

1. Participation in this call for applications implies the candidate's acceptance of the University's provisions on patents, confidentiality and intellectual property, protection of personal data, and processing for statistical or scientific research purposes. The intellectual property rights on the possible results achieved by the PhD student, including but not limited to software, industrial inventions that can be patented or not, know-how, models, data and data collections, are regulated in accordance with current legislation, University regulations and on the basis of what is established by the "Open science" and "FAIR Data" principles, in order to guarantee open access to the public in the shortest time and with the least possible limitations, also taking into account individual agreements with universities, Companies or Entities involved.
2. Upon enrolment, the candidate undertakes to sign an appropriate declaration stating the above.

### **Art. 15 - Referral rules and reference offices**

1. For any matters not provided for in this call for applications, reference is made to the national regulations on the subject of research PhDs, the University regulations in force, and in particular, the 'General Regulations of the University,' the 'University Teaching Regulations,' to the 'University Research PhD Regulations,' the 'Student Career Regulations,' the 'University Regulations on patents,' the 'Regulations on the protection of personal data of Ca' Foscari University,' the Directorial Decree of Ministry of University and Research (MUR) no. 1058/2022 of 23 June 2022, MUR Notice n. 3277 (30/12/2021), and the relevant European regulations.
2. Further information on this call for applications can be found on the University website at the page <https://www.unive.it/pag/46397> or can be requested from the PhD Office by writing to: [phd.application@unive.it](mailto:phd.application@unive.it).
3. Further information on the post-acceptance and enrolment process for the PhD Programmes referred to in Articles 10 and 11 may be requested from the Post Lauream Office by writing to: [postlauream@unive.it](mailto:postlauream@unive.it).

Attachments: 1

Annex 'A' - Fact sheet for the PhD Programme

*Person responsible for the administrative procedure: Mrs. Sabrina Daneluzzi*





Università  
Ca' Foscari  
Venezia

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**Annex 'A'**  
**Fact sheet for the PhD Programme**

## 1 - PhD in Computer Science

COURSE TAUGHT IN ENGLISH

### Research Areas

The PhD research areas include any subjects related to the relevant scientific-disciplinary area, including theoretical principles and their application. More specifically, the PhD Programme includes the following study and research matters: 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 in Computers Science, Foundations of Programming Languages, Cybersecurity, System and Network Security, Web Security, Cryptography, Multimedia Information Systems, Human-Computer Interaction, Program 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;
- or Master's degree qualification obtained abroad.

### Places available

<p><b>2 NRRP scholarships within the Project "Interconnected Nord-Est Innovation Ecosystem" (iNEST) - CUP H43C22000540006.</b></p> <p>of which</p> <p><b>1</b> scholarship linked to the following research topic, which involves the use and development of innovative methods of AI and Natural Language Processing (NLP): Data Analytics (Data integration for understanding tourist behavior and profiles)</p> <ul style="list-style-type: none"> <li>- Destination marketing strategies by online and offline content analysis</li> <li>- Tourist segmentation with big data analytics</li> </ul> <p><b>1</b> scholarship linked to the following research topic, which involves the use and development of innovative methods of AI and Data Mining for mobility analysis: Data Analytics (Data integration for understanding tourist behavior and profiles)</p> <ul style="list-style-type: none"> <li>- Modeling tourism flows for tourism optimization and tackle overtourism</li> <li>- Innovative models for sustainable logistics and mobility of tourist flows</li> </ul> <p>For both grants, the research activity must be linked to iNEST Spoke 6: "Tourism, culture and creative industries"</p>	2
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<b>Total number of places available</b>
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<b>2</b>
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### Admission Modalities

The Selection Board will review the applicants' qualifications.

the date of publication of the final ranking will be announced on 23 November 2022 with a subsequent notice on the University website at the page: <https://www.unive.it/pag/46397/>

### Languages

Upon enrolment, applicants should possess certified good knowledge of the English language (at least B2 of the Common European Framework of Reference for Languages (CEFR) -, without prejudice to the possibility of acquiring it subsequently, but in any case, not later than 31 May 2023, otherwise they will be excluded from the PhD Programme (see Article 3, paragraph 6 of the Call for applications).

### Qualifications Assessment

#### **Mandatory Qualifications (as provided under Article 5 of the Call for Applications)**

#### **Optional Qualifications**

- Maximum two reference letters signed by University professors, researchers, or other sectoral experts;
- Scientific work;
- Scientific publications;
- Post-graduate diplomas.

### Assessment Criteria for the qualifications

The Selection Board can assign up to 100 points, divided as follows:

- 100 points for qualifications of which 60 for the research proposal, 7 for each of the reference letters, 26 for scientific publications, research activities, CVs and transcripts of the exams taken, any other post-graduate degrees.

**The minimum score required for eligibility is 60/100.**