







Call for applications for admission to PhD courses XXXIX cycle, academic year 2023/2024 and for the awarding of 75 PhD scholarships financed by Next Generation EU - PNRR (D.M. 117/2023 and 118/2023 funds) and 2 PhD scholarships funded by the Extended Partnership HEAL ITALIA, (theme "6. Innovative diagnostics and therapies in precision medicine").

ART. 1 – CALL FOR APPLICATIONS

1.1 The University of Verona hereby announces a public selection for admission to its PhD programmes for the XXXIXI cycle, academic year 2023-2024, with the awarding of no. 77 PhD scholarships.

PHD PROGRAMMES	Scholarships DM 117	Scholarships DM 118	Scholarships EP Heal Italia	TOTAL
Biotechnology	5	3	0	8
Economics and Finance	0	2	0	2
Philology, Literature, and Performance Studies	0	2	0	2
Inflammation, Immunity and Cancer	0	1	1	2
Computer Science	13	6	1	20
Foreign Literatures and Languages	0	2	0	2
Linguistics - Joint PhD Programme with the Free University of Bozen	0	1	0	1
Biomolecular Medicine	0	1	0	1
Nanosciences and Advanced Technologies	0	1	0	1
Neuroscience, Psychological and Psychiatric Sciences and Movement Sciences	5	10	0	15
Applied Life and Health Sciences	1	1	0	2
Archaeology, Art History and History	1	1	0	2
Clinical and Experimental Biomedical Sciences	0	0	0	0
Surgical and Cardiovascular Sciences	3	2	0	5
European and International Legal Sciences	1	0	0	1
Human Sciences	4	9	0	13
Total	33	42	2	77

- 1.2 The details of each PhD programme, including the number of places and features of the available scholarships, the criteria for the evaluation of qualifications (if provided), the dates of the admission exam sessions, the language, methods and criteria for selection are detailed on Annex 1 *PhD programmes information sheets*, which constitutes an integral part of this Call. The Call for Application is published on the Official University Register (*Albo Ufficiale di Ateneo*) and on the following websites: Dottorati di Ricerca (available at: Admission to PhD Programmes > Call for Applications > Call for Applications, Cycle XXXIX), Italian Ministry of University and Research (MUR), <u>Euraxess</u> and Official Gazette (*Gazzetta Ufficiale*).
- 1.3 Any amendments or updates will be published exclusively on the <u>Dottorati di Ricerca</u> website.

- 1.4 In accordance with Italian Ministerial Decree no. 226/2021, in order for PhD courses to run, they may be subject to compliance checks on accreditation requirements, carried out by Italian Ministry of Universitiy and Research (MUR). In case a PhD Programme is not accredited, applicants will be promptly informed and entry examination will not be held. In the event that the outcome of the accreditation is not yet known at the time the competition procedures are carried out, the tests will be regularly held and the winners will be conditionally enrolled, awaiting for the positive outcome of the accreditation procedure for each course. A negative outcome of the accreditation procedure will result in the non-activation of that course for the XXXIX cycle and the conditionally enrolled students will be promptly notified by e-mail.
- 1.5 Even in the event of a positive outcome of the accreditation, each position will be assigned conditionally (*sub condicione*), as it is subject to a verification of eligibility for support from the PNRR, carried out by the Ministry on the basis of the eligibility requirements identified respectively by Articles 7, 8, 9 and 10 of the Ministerial Decree 118 and by art. 7, paragraph 4, of the Ministerial Decree 117. In the event that a position does not pass the verification with a positive result, all interested parties will be promptly notified. The results of this evaluation will be made available by the Ministry by 30 December 2023.

For scholarships pursuant to Ministerial Decree 117 only ("Dottorati Innovativi in collaborazione con le imprese"), places will be assigned on condition of successful signing of the agreement with the co-financing company.

For all intents and purposes, this Call has to be intended as official notification. Applicants will therefore not receive any further notification, unless a PhD Programme is not accredited (see above).

ART. 2 – IMPLEMENTATION OF PhD PROGRAMMES

- 2.1 The XXXIX cycle of PhD programmes will officially begin on 1st October 2023. PhD programmes last three years, with the exception of the 4-year PhD programme in Economics and Finance. The final defence of the doctoral thesis must take place within the month of April of the solar year after the conclusion of the PhD programme. The PhD degree is conferred by the Rector, after the candidate has successfully completed the doctoral programme and passed the final examination.
- 2.2 The awarding of the degree certificate is subject to the submission, by the PhD candidate, of his/her final doctoral thesis to the Verona University Open Archive (IRIS), where it shall be kept available for consultation. The University of Verona shall be responsible for submitting a copy of the doctoral thesis to the National Libraries of Rome and Florence, as specified by law.

ART. 3 – ADMISSION REQUIREMENTS

- 3.1 In order to apply, it is required that applicants, regardless of their age and nationality:
 - Hold an Italian university degree such as Laurea magistrale, Laurea specialistica or Laurea "vecchio ordinamento" (before Reform no. 509/1999); or
 - Hold an academic qualification (i.e. Master of Science/Art) awarded by a Higher Education Institution which allows access in the issuing Country to further studies at academic institutions at the PhD level; Professional degrees (e.g.: Master in Business Administration - MBA, Bachelor of Medicine and Bachelor of Surgery - MBBS, ecc.) do not grant access to the PhD programmes.
- 3.2 Applicants who will complete their Master's degree by the deadline for enrolment in the PhD programme are also entitled to apply, provided that the enrolment procedure will be closing by 31 August 2023. Their application will be considered as "**provisionally admitted**" and they will be required to submit their degree certificate or a self-certification (only for EU citizens, in accordance with Presidential Decree no. 445 of 28/12/00) together with their enrolment request to the PhD Office (*Area Ricerca U.O. Dottorati di Ricerca dottorati.ricerca@ateneo.univr.it*, otherwise their admission will be rejected.
- 3.3 Applicants who already hold a PhD, will not be admitted to any programmes with similar research topics. Applicants who have already benefited from a PhD scholarship, regardless of where and when, are not eligible to be granted another scholarship.
- 3.4 All applicants may submit their application for the present Call, <u>subject to confirmation</u>. If any of the aforementioned prerequisites are not satisfied, the university reserves the right to exclude applicants from the selection procedure for justified reasons <u>at any time</u>, even after the examination sessions

have taken place.

ART. 4 – APPLICATION

4.1 Applicants can submit their application from **7 June 2023** to **7 July 2023 at 12.00 noon (Italian time, GMT+1),** exclusively using the online form available at <u>www.univr.it/applicationphd</u>.

The applicants have to:

- go to www.univr.it/applicationphd webpage;
- register to the online system by entering the information required (if not already registered);
- log in using their personal credentials (if current students of the University of Verona or already registered applicants)
- select the chosen PhD programme
- fill out the online application form.

Specific *guidelines* on how to apply are available at each PhD programme webpage.

4.2 After filling out the online form, applicants should print a hard copy of it, sign it and send it together with the attachments listed in *Annex 1 - PhD programmes information sheets* **EXCLUSIVELY** by email to *phd.selection@ateneo.univr.it* by **7 July 2023, 1.00 p.m. (Italian time, GMT+1).** All application documents must be submitted in **pdf format** and sent from the applicant's personal e-mail address, with the following e-mail subject: "*Application for the PhD programme in, Applicant's name and surname*". Should the application be submitted in a different way, it will be rejected.

The overall file size of the e-mail should not exceed 20 MB. E-mails exceeding the size limit will not be delivered. The University e-mail system will send an automatic error message, which may be received by the sender up to several days after; it is the applicant's responsibility to check for this kind of message, which may be identified as spam by the mail provider.

In case of large files to be sent, applicants may split their application documents into more than one email message. In this case, the subject should be the same in each e-mail, i.e: *Application for the PhD programme in, Applicant's name and surname* – 1st part; *Application for the PhD programme in, Applicant's name and surname* – 2nd part; etc.

For technical issues, please contact: <u>phd.support@ateneo.univr.it</u>; For further information or questions about this Call for Applications, please contact: <u>dottorati.ricerca@ateneo.univr.it</u>.

4.3 In order to avoid a system overload, applicants are highly recommended to fill out the application form well in advance instead of close to the deadline.

It is each applicant's responsibility to check that the procedure has been completed correctly. The university accepts no responsibility for late applications due to technical problems or software failure close to the deadline, overloading of communications and/or applicative systems, nor for any loss of communication due to incorrect or missing addresses or late notification of a change of e-mail contact, nor for any possible misunderstanding or problem caused by third parties, fortuitous case or force majeure.

Incomplete applications, missing of any piece of information and/or compulsory attachments shall not be considered. Additional material submitted after the deadline will not be accepted, unless expressly required by the PhD Office.

- 4.4 Applicants may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme and send it together with the specific documentation listed in *Annex 1 PhD programmes information sheets.*
- 4.5 All documentation must be in Italian or English or translated into one of the aforementioned languages as the applicant's responsibility.
- 4.6 The list of the applications duly received within the deadline will be published on each PhD Programme webpage (see section "enrolment procedures"). Applicants should check the information posted regularly. In case of any mistake, they should contact the PhD Office as soon as possible at <u>dottorati.ricerca@ateneo.univr.it</u>.

ART. 5 – APPLICANTS HOLDING FOREIGN DEGREES

- 5.1 Applicants holding a foreign degree must send, other than their application and qualifications required to apply for the selected PhD programme, the following documentation (pdf format) to show that their degree grants access to PhD courses:
 - Bachelor's degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);
 - Master's degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);
 - Diploma Supplement (if available);
 - Any other document considered as relevant to evaluate the applicant's academic qualifications.

The official documents listed above, if issued in a language other than Italian or English, must be accompanied by a legal translation in either Italian or English, under penalty of exclusion.

- 5.2 If the applicant's academic qualification has already been officially recognised as equivalent to an Italian degree, the applicant must specify the Italian university that has recognized the degree to be equivalent and the details of the related Rector's decree. Foreign qualifications that have not been officially recognised, will be subject to a standard validation procedure, based on the documentation listed in paragraph 5.1 of this Call and with the sole purpose of fulfilling the application requirements for the PhD programme.
- 5.3 In addition to the above listed documents, applicants may be requested to submit further documentation in order to validate their degrees.
- 5.4 Applicants holding a foreign qualification will be **provisionally admitted** to the selection. The eligibility of their degree (see item 5.1), will be verified at the end of the selection process, only for the applicants listed in the final rankings. In the event that a foreign qualification is not considered as eligible, the applicant will not be entitled to enrol in the PhD programme and his/her position will be offered to the next applicant in the ranking list.

ART. 6 – ENTRY EXAMINATION, EVALUATION AND SELECTION OF APPLICANTS

- 6.1 The entry examination consists in a selection procedure intended to ascertain applicants' academic background and aptitude for academic research and to ensure a comparative evaluation of applicants.
- 6.2 Details on the selection procedure and the evaluation criteria are provided in Annex 1 PhD programmes information sheets.

Ministerial Decrees n. 117 and 118 of 2 March 2023 mentioned above, through the activation of doctoral courses on defined topics, intend to promote interdisciplinarity, participation in international networks and intersectoriality referred to in the PNRR. To this end, all doctoral programmes – with the exclusion of generic PNRR typology - are required to involve companies in the definition of the training course, including study and research periods to be performed by students in those companies, from a minimum of six (6) months up to twelve (12) months for grants under Ministerial Decree 118, from a minimum of six (6) months up to eighteen (18) months for grants under Ministerial Decree 117. Such periods may be **non**-continuous, in agreement with the host company. For each topic associated with a grant, companies involved in the definition of the training project are listed in *Annex 1 - PhD programmes information sheets*. With reference to the scholarships activated pursuant to Ministerial Decree 117, the companies involved in the definition of the training project and listed in *Annex 1 - PhD programmes information Sheets*, provide a 50% co-financing of the scholarship's amount as provided by the ministerial decree.

For each topic associated with an additional grant, a compulsory period of study and research abroad of six (6) months is envisaged; the partner foreign institutions are listed in *Annex 1 - PhD programmes information Sheets*. This mobility period is considered as mandatory and to be performed at the host institution indicated in the annex.

For the two positions funded by the Extended Partnership HEAL ITALIA, a compulsory period of study and research abroad, up to six months, may be organized.

6.3 Candidates with a disability certificate, with certification pursuant to Law no. 104 of 1992 or with a diagnosis of specific learning disorders (SLD) pursuant to Law no. 170 of 2010, may request special aids or compensatory measures for the performance of the test, as well as additional time, by making a specific request.

The request must be received, by the deadline specified in this notice, by filling in the online form available at <u>https://www.univr.it/it/i-nostri-servizi/inclusione-e-accessibilita-supporto-a-studenti-con-disabilita-e-dsa/supporto-per-le-prove-di-ammissione-per-candidati-con-disabilita-o-dsa#categdoc_7700, attaching the requested documents.</u>

Candidates referred to in this article may be admitted to the entry test with the medical certification they hold, even if not up-to-date due to the limitation of NHS activity for the Covid-19 emergency, subject to the University's right to request the integration of the required documentation at a later date.

The University will assess the requests received also taking into account the following:

a) Applicants with a certificate of disability or with certification pursuant to Law n. 104 of 1992 must submit the certification issued by the competent medical commission confirming the type of disability and/or the degree of recognised handicap. The documentation shall be presented in copy and be accompanied by a substitute declaration attesting to its conformity to the original. The candidate may request additional time not exceeding 50% more than the time set aside for the performance of the tests; the candidate may also request any further adaptations necessary due to the specific diagnosis and in relation to the type of test;

b) Candidates with SLD pursuant to law no. 170 of 2010 must present a diagnosis of SLD. The documentation shall be presented in copy and accompanied by a substitute declaration attesting to its conformity with the original. The SLD diagnosis must have been issued to the candidate no more than three years previously, if prior to his/her 18th birthday, or after his/her 18th birthday, and must have been issued by local public health facilities or by bodies and professionals accredited by the regional health service. Candidates with SLD are granted an additional time equal to 30% more than the time set aside for the performance of the tests, even without a specific request; the candidate may also request additional adaptations necessary due to the specific diagnosis and in relation to the type of test.

Applicants with a disability, invalidity or specific learning disorder residing in a foreign country, who intend to take advantage of the measures referred to in the previous paragraphs, must present the legalised certification, where required by current international regulations, attesting to their state of invalidity, disability or learning disorder issued in their Country of residence, accompanied by an official (sworn) translation, either by an official translator or certified as conforming to the original text by the Italian diplomatic representations, in Italian or English. The University bodies responsible for examining the certifications shall ascertain that the provided documentation attests to a condition of invalidity, disability or specific learning disorder recognised by Italian law.

6.4 Entry examinations timetables are included in the *Annex 1 - PhD programmes information sheets*. Possible up-to-date notices regarding the selection procedure will be posted on the PhD Programme webpages.

In order to be correctly identified, applicants will have to show the same ID – identity card, driving licence, passport – they used to register their online application. Should the exam be conducted online via live streaming on Zoom, applicants will be asked to keep their camera on to allow the Examination Board to identify and see them during the examination.

- 6.5 A score of at least 40/60 is required to pass the entry examination, unless differently specified. The evaluation of qualifications will be added to the oral exam score. The evaluation of qualifications will be based on the documents submitted by the applicants. If the qualifications score has not already been specified in *Annex 1 - PhD programmes information sheets*, the Examination Board will decide the score for each qualification required.
- 6.6 For all types of announced positions, the Examination Board may reserve the possibility of drawing up separate rankings, taking into account the preferences expressed and the applications received. In the event that no applications have been submitted for a specific ranking within a Course, in the event of

withdrawals or if no suitable applicants are available in a ranking, and in any cases the Examination Board may reserve the possibility of assigning the position to suitable applicants within another ranking of the Course, subject to verification of the requisites required.

6.7 **Applicants will not be notified about the examination results.** The official final rankings, approved by Rector's Decree, will be published and displayed on the Official University Register (*Albo Ufficiale dell'Ateneo*), and on each PhD programme webpage.

Applicants may contest the final ranking after the publication of the selection results. In accordance with Law no. 241/1990 and subsequent additions and modifications, applicants have the right to access the selection records.

ART. 7 – EXAMINATION BOARDS

7.1 The Examination Boards shall consist of three members of the Teaching Committee of the PhD Programme.

The Examination Board may – at no additional cost for the University – include up to two Italian or international experts, selected from companies or public or private research entities. The inclusion and nomination of such experts is compulsory if provided by a specific agreement.

The Examination Board shall elect its own Chair and Secretary. The Rector's Decrees stating the members of the Examination Boards will be published on each PhD programme webpage, by 11 July 2023.

ART. 8 – ADMISSION TO THE PhD PROGRAMMES

8.1 Successful applicants are admitted to the PhD programmes in merit-based ranking order until all the available places on the programme have been granted. If the same marks have been scored by two or more candidates, the youngest one will get preference in ranking in accordance with Art. 3.7, Law no. 127/97 as modified by art. 2, Law 191/98. Should an applicant be successful in more than one ranking, he/she must choose only one PhD programme/position to enrol in.

In all cases and / or in the event that there are no suitable candidates on one or more specific research topics, the Examination Board of the Doctoral Programme may evaluate, at its sole discretion, the assignment of the position(s) to any eligible candidates for similar research topics available within the same Course.

Candidates who will be awarded a position will be admitted to the courses conditionally (*sub condicione*). This status will be maintained until the end of the process of verifying eligibility for PNRR support, carried out by the Ministry on the basis of the eligibility requirements identified respectively by Articles 7, 8, 9 and 10 of the Ministerial Decree 118 and by art. 7, paragraph 4, of the Ministerial Decree 117. This validation process will concern each doctoral course within this Call. In the event that this validation procedure has a negative outcome, the scholarship will not be funded and the assignee will be promptly notified. The results of the ministerial assessment will be announced by 31 December 2023.

- 8.2 In order to register to the PhD programme, successful applicants must submit an online enrolment form following the procedure available at <u>www.univr.it/enrolmentphd</u>, within 15 days after the publication of the final rankings, under penalty of exclusion.
- 8.3 Should an applicant fail to complete the online enrolment within the period stated for the selected PhD programme, the University will consider him/her as having given up his/her position (with or without scholarship) in the programme, and it will be reassigned to the next applicant on the merit ranking. The latter will be informed only by email and must enrol by following the procedure described in paragraph 8.2, within five days from the notification.
- 8.4 Applicants are advised that the University is required to check the truthfulness of any information or statement received. Should a declaration be found false or misleading, in addition to the loss of any benefits gained by the applicant on the basis of a false declaration, criminal sanctions for false statements and the forgery of documents shall apply (see Art. 75 and 76 of Presidential Decree no. 445/2000). The University Administration will withdraw any benefits awarded to the candidate (such as a scholarship and fee concessions) and will not reimburse any of the fees paid. False declarations may also lead to possible legal action by the interested parties

ART. 9 - RIGHTS, OBLIGATIONS AND INCOMPATIBILITIES FOR PhD STUDENTS

- 9.1 Attendance to the PhD course involves an exclusive and full-time commitment.
- 9.2 The two positions funded by the PE Heal Italia project provide for an exclusive, **100% full-time commitment to the project**. The productive time will be reported, according to the rules of the programme, completing a periodic report related to the main activities carried out.
- 9.3 The holders of scholarships financed by PNRR funds under the aforementioned decrees 117 and 118/2023, must be authorized by the PhD Programme Teaching Board to carry out any activities other than training and research, subject to the favourable opinion of the Supervisor and co-Supervisor. PhD students may undertake paid assignments limited to activities leading to acquire new skills within the research path of the PhD Programme, provided that the PhD Teaching Committee has confirmed that the successful fulfilment of training, teaching and research activities of the Course is preserved. The remuneration of those authorized activities shall not exceed the value of the annual amount of the PhD scholarship as detailed in art. 10, paragraph 1 below.

Subordinate employment contracts with public or private entities involving a continuous commitment for a fixed or indefinite duration are considered in determining of the above remuneration.

- 9.4 Public employees admitted to a PhD Programme, for the normal duration of the course can benefit from a leave from work as provided for in their employment contract or, if employed under public law, from study leave, if **compatible with the needs of the administration**, pursuant to art. 2, Law no. 476/1984, without salary and only if enrolled for the first time in a doctoral course, regardless of the subject field.
- 9.5 The holders of scholarships financed by PNRR funds under the aforementioned decrees DD.MM. 117 and 118/2023 shall also undertake at the time of enrolment to:

- produce a six-monthly report indicating the time commitment (broken down into months spent at the company, at the University headquarters and abroad) and a summary of the main activities carried out, also declaring that they comply with the principle of "not causing significant damage to the environment". Reporting will be done through the dedicated online platform (https://dottorati.mur.gov.it) and using the forms provided therein;

- carry out the mandatory study and research periods abroad and in companies as provided for and described, for each doctoral programme, in Annex 1. Failure to comply with the minimum period to be spent at the enterprise and/or abroad will result in the revocation of the scholarship by the MUR;

- ensure their compliance with the communication and information obligations set out in Article 34 of the EU Regulation 2021/241, indicating in all documentation produced that the Programme is funded under the PNRR, with explicit reference to funding by the European Union and the NextGenerationEU initiative, displaying the European Union logo in the documentation and provide adequate dissemination and promotion of the Programme, even online (web and social networks included), in line with the provisions of the PNRR Communication Strategy;

- comply with the principle of not doing significant damage to environmental objectives, pursuant to Article 17 of EU Regulation 2020/852. These fulfilments may be subject to specifications by the MUR.

For the holders of scholarships financed by PNRR funds under the decrees DD.MM. 117 and 118/2023 the scholarship revocation is envisaged in the event that:

- they perform the doctoral programme in a manner that differs from the project accredited for funding, where the necessary authorisation has not been requested in advance and subsequently granted by the MUR;

- the fail to carry out the minimum period of study and research in a company or abroad as provided for in the project.

The University may request the beneficiary to reimburse the amounts received, if MUR revokes the scholarship or in the case of failure to complete the six-month period subject to the obligation of reporting to the MUR.

All positions under this call for applications are to be considered exclusively for scholarship holders.

Winners may not, therefore, renounce their doctoral scholarship (in whole or in part) by continuing their doctoral studies as non-scholarship holders.

Renouncing the scholarship will in fact entail renouncing the doctoral position itself. Therefore, candidates will not be able to continue their studies if they are willing to renounce, even partially, their doctoral grant (e.g. joint attendance of medical specialisation schools, etc.).

9.6 For regulations concerning PhD students' rights, obligations, incompatibilities and for what not regulated by this Call please refer to <u>*Regulations for PhD Studies*</u>, available at the webpage Admission to PhD Programmes > PhD Regulations.

ART. 10 – SCHOLARSHIPS

- 10.1 The annual amount of the PhD scholarship is equal to Euro 16,243.00 gross of INPS social security charges as provided by law to be paid by the recipient. Scholarships are awarded for the entire duration of the PhD programme (3 years/36 months, 4 years/ 48 months) and instalments are paid on a monthly basis. The first instalment of October 2023 will be paid at the end of the same month provided that the student has submitted all the documentation required and is correctly enrolled in their PhD programme <u>by 24 September 2023</u>. Otherwise, a two-month instalment will be paid at the end of November.
- 10.2 The scholarship will be increased by 50% during the authorised study periods abroad. Should the student be suspended or excluded from the PhD programme, scholarship funds will be awarded only for the period in which he/she attended it.
- 10.3 Scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the PhD programme Teaching Committee.
- 10.4 From the first year of the programme, every PhD student (with or without scholarship) shall be guaranteed a research budget of not less than 10% of the annual scholarship amount in order to support his/her research activity in Italy and abroad.
- 10.5 PhD scholarships cannot be accumulated with other scholarships, except those granted by national or foreign institutions that allow the student to conduct PhD research abroad. In compliance with the principle of double funding, the scholarship holders may not carry out activities involving funding from European funds (PON, PNRR, Erasmus mobility funding, etc.).

ART. 11 – STUDY FEES AND CONTRIBUTIONS PAYABLE

11.1 Fees and contributions are the following: students with a scholarship must pay **€450.00** (€250.00 for tuition fees, €184.00 for regional study tax contributions, and €16.00 as duty stamp) in a single payment.

Any changes to the aforementioned amounts will be notified to PhD student in due time.

11.2 Students who meet specific income requirements may request a reduction of the regional study tax contributions and/or student contributions by following the instructions published in the Rector's Decree at https://www.univr.it//it/concorsi/studenti/riduzione-contribuzione-studentesca

Students meeting the following requirements are exempt from paying tuition fees:

- students with a legal disability of at least 66% certified by the relevant health authority pursuant to Law no. 104/92;
- students meeting requisites established by art. 30, Law nr. 118/1971;

PhD students with recognized disability (between 50% and 65%) will pay a reduced amount of € 400.00 (€200.00 for tuition fees, €184.00 for regional study tax contributions, and €16.00 as duty stamp)

PhD students coming from developing countries as annually identified by MUR will pay a reduced amount of € 350.00 (€150.00 for tuition fees, €184.00 for regional study tax contributions, and €16.00 as duty stamp).

ART. 12 – IPR

- 12.1 The intellectual and industrial property rights of any results achieved by PhD students including, but not limited to, software, industrial inventions that may or may not be patentable, know-how, models, data and data collections are governed in accordance with current regulations/statutory laws, the University regulations and, where applicable, in compliance with specific agreements signed with universities, enterprises/businesses or other parties involved.
- 12.2 In all cases, PhD candidates undertake to promptly notify the Coordinator regarding the achievement of any results and must agree not to disclose them or use them without the prior authorisation of the University. If collaborating with research groups, PhD students must sign a specific agreement for the recognition of intellectual property rights, maintaining the utmost confidentiality concerning all reserved information, data, and documents they may come into the possession of while carrying out their activities at or on behalf of the University.
- 12.3 In all cases, PhD students are guaranteed the possibility of undertaking all the normal publication activities provided by the research and study programme, which shall be planned compatibly with the need to protect any possible results.

ART. 13 – FINAL REGULATIONS

- 13.1 The University of Verona is the Data Controller of candidates' personal data according to EU Regulation 2016/67; further information about data processing, data recipients, and rights of the data subjects can be found on the University of Verona webpage: <u>https://www.univr.it/en/privacy</u>.
- 13.2 Contact person responsible for administrative proceedings: dott.ssa Maria Gabaldo, Responsabile Area Ricerca, Via S. Francesco n. 22, Verona, phone. 045 8028134/8028078, e-mail: <u>dottorati.ricerca@ateneo.univr.it</u>

All matters not specified in this Call for Applications shall be governed by the <u>Regulations for PhD</u> <u>Studies</u> (available at the webpage: Admission to PhD Programmes > PhD Regulations) and relevant national laws and regulations.

13.3 Further information about the administrative procedure are available on the website, <u>Dottorati di</u> <u>Ricerca</u> and PhD Programmes webpages and can be requested to the PhD Office: *Area Ricerca – U.O. Dottorati di Ricerca*, Via San Francesco no. 22, *phone. 00 39 045 8028134/8028078*, e-mail: *dottorati.ricerca*@ateneo.univr.it

The official text of this Call for Applications is drawn up in Italian language and available at: <u>https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes</u> This translation provides a summary in English for information purposes only. In case of discrepancies, the Italian version will prevail.

		Ph.D. Programme in Biotechnology		
	1	Coordinator: Prof. Matteo Ballottari		
Duration	3 years: 1st Oc Thesis Defence	tober 2023 – 30th September 2026 e: by May 2027		
	_"Laurea speci M.Sc.);	_"Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.);		
Admission requirements		ken under the old Italian university syst inisterial Decree No. 599/1999; oreign degree	em in force prior to the one introduced	
Programme learning objectives	Information on	the programme learning objectives and ona University at the following <u>link</u>	d research topics are available on the	
and languages	The programme	e activities will be totally held in English		
	Available plac	es for D.M. 117/2023 ((CUP B31I2300	0820004): N. 5	
		sted below there is one place with a sch		
I	For each researc	h topic candidates can express one or i	more preferences	
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic		Diamante Società Benefit Srl	Davis University (USA)	
Optimization of the production process of therapeutic nanoparticles in plant systems		18 months		
CODE: BIO01				
Contact person: Prof	. Linda Avesani			
Research topic <i>Production in plant systems of therapeutic nanoparticles for</i>		Diamante Società Benefit Srl 18 months	Weizmann Institute of Science (Israel)	
treating autoimmun CODE: BIO02				
Contact person: Prof	. Linda Avesani			
Research topic Innovative genomic technologies for the diagnosis of repeat- expansion disorders		Genartis Srl 6 months	CNAG Institute, Barcelona (Spain)	
CODE: BIO03 Contact person: Prof. Rossato	. Marzia			
Research topic		Sphera Encapsulation Srl	Glatt GMBH, Weimar (Germany)	
Research of new en materials derived fr products of the agri for the encapsulation oils	om secondary i-food chain	18 months		
CODE: BIO04				
Contact person: Prof. Zoccatelli	. Gianni			
Research topic		Erika Eis Srl	The University of Guelph Food Science Dept.	

Development and of new products for th industry CODE: BIO05 Contact person: Prof.	e ice cream	12 months	(Canada)	
		vailable places for D.M. 118/2023: N.	3	
F		sted below there is one place with a sch		
		h topic candidates can express one or i		
		PNRR PhDs (CUP B31123000610006)		
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic Wine-related microl bioresources for the sustainability and in the agri-food chain CODE: BIO06 Contact person: Prof. Felis	e nnovation of	Centro di Ricerca Viticoltura ed Enologia - Consiglio per la Ricerca in Agricoltura e l'Analisi dell'Economia Agraria (CREA) 6 months	Université de Bourgogne Franche- Comté, Institut AgroSUP, Dijon (France)	
PA PhDs (CUP B31l23000700006)				
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic		Comune di Verona	Universitat Autonoma de Barcelona	
Design of complex reforestation activities and implementation of urban ecosystem services in Verona: definition of indicators and bio-indicators CODE: BIO07 Contact person: Prof. Linda Avesani		6 months	(Spain)	
	Cultu	ral Heritage PhDs (CUP B31I2300074	0006)	
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	PERIODO ALL'ESTERO (6 mesi)	
Research topic The caves of Lessin heritage of biodiver sunlight in extreme CODE: BIO08 Contact person: Prof. Ballottari	sity to use conditions	Museo di Storia Naturale Verona 6 months	Wageningen University and Research (WUR), Wageningen (The Netherlands)	
Admission procedure	 Evaluat Oral ex Language for th 	eign candidates tion of qualifications* amination he oral examination: Italian or English language skills are required		

Place: Department of Biotechnology, CV3 room 1.02. Candidates residing abroad may take the oral examination via Zoom upon request in the application form. The link will be provided with the publication of the list of those admitted to the oral exam on the <u>PhD Programme</u> webpage
Date: 20/07/2023
Time: 09.00
*The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the <u>PhD Programme web page.</u>
A pass in the oral examination will be awarded if the candidate has attained a minimum score of 40/60.
The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.
Distinct rankings will be provided for every type of research published in the call for application, basing on the final score obtained.
Applicants must include their ORCID in their CV https://orcid.org/
• Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 20 points
NB Foreign candidates shall have obtained a qualification with a final mark from good to excellent, indicate the maximum final mark achievable and convert the mark obtained into 110/110 scale.
Graduation thesis (bachelor and master thesis): max. 5 points
Curriculum Vitae et studiorum: max. 15 points
Candidate's motivation letter: max. 5 points
Scientific publications: max. 5 points
• Other qualifications the candidate considers relevant for the evaluation: max. 3 points
Post-graduate programme and/or Master: max. 3 points
Research experience at universities or research centres: max. 3 points
Prizes and grants: max. 1 points
Total qualifications score: 60
 Plant Sciences Food Sciences Biomedical Sciences Bioresources Chemical Sciences Environmental Sciences

		. Programme in Economics and Fina oordinator: Prof. Alessandro Buccio		
Programme	4 years: 1 st Oct	ober 2023 – 30 st September 2027		
duration	Thesis Defence: by May 2028			
Admission requirements	 Any of the following: "Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.); A degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; 			
		nt foreign degree.		
<i>Curricula</i> , learning outcomes and languages	 The programme is divided in two curricula: Economics (ECO) Data Analysis and Finance (DAF) The available places of this Call are linked to the ECO curriculum. In their application, candidates may choose to apply for one or both the positions (see below). At the end of the process the committee will create two rankings, one for each position. Should a ranking receive no applications or no eligible candidates, the committee may consider to attribute the unassigned scholarship to candidates eligible in the other ranking. Information on learning outcomes and research topics are available on the website of University of Verona at this link 			
	The Programme	e activities will be totally held in English	l.	
Available places for D.M. 118/2023: N. 2 For each project listed below there is one place with a scholarship available				
	Digital and er	vironmental transitions (CUP B3112	23000570006)	
TITLE AND CO	TITLE AND CONTENT RESEARCH PARTNER AND MOBILITY ABROAD (6 months) COMPANY			
Research topic: <i>Artificial Intelligence economics</i> CODE ECO01 Contact person: Prof. Roberto Ricciuti		Real T Srl 6 months	GREDEG, Groupe de recherche en droit, économie et gestion, Université Cote d'Azur (France)	
		PNRR PhDs (CUP B31I23000580006)		
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic: From the well-being of the families for the well-being in the families: Living Conditions Department structural models and causal Not required inference Economic Research (LISER) CODE EC002 (Luxembourg) Contact person: Prof. Francesco Andreoli				
		ign candidates	·	
Admission procedure	 Evaluation of qualifications* Oral examination Language for the oral examination: Italian or English English language skills are required 			
Oral examination	 Place: The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program <u>web page</u> after the publication of the list of candidates admitted to the oral examination Date: 21 July 2023 Time: 9:30 			
Evaluation criteria	Evaluation of qualifications: max. 60 points. Minimum pass grade: 40/60.			

	Oral examination: max. 60 points. Minimum pass grade: 40/60. The final grade is the sum of the grades obtained in the evaluation of qualifications and the oral examination. The results will be published, as soon as available, on the PhD Program web page.
	* The evaluation of qualifications is preliminary to the oral examination. Only candidates who will attain a minimum grade of 40/60 will gain access to the oral examination.
Qualifications subject to evaluation and related score	 Certificate with final graduation mark or transcript with exam grades in case of final graduation after the call deadline. (max. 18 points) Curriculum vitae et studiorum. (max. 15 points) Original research proposal of maximum 2,000 words excluding the bibliography. The proposal should include: i) the key research question(s); ii) the key literature; iii) the planned theoretical and/or empirical framework; and iv) the expected outcome. (max. 15 points) Nr. 2 reference letters released by university professors. (max. 6 points) Other qualifications (e.g., prizes, publications or additional courses) the candidate considers relevant for the evaluation. (max. 6 points) The whole documentation must be supplied in English or Italian. Max. qualifications score: 60
Examination topics	Economics, Data analysis, Finance

P		e in Philology, Literature, and Perfor ordinator: Professor Massimo Natal		
Programme duration	3 years: 1st Oct Thesis Defence	ober 2023 - 30th September 2026 : by May 2027		
Admission requirements	 _"Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _or equivalent foreign degree. PLEASE NOTE: A graduation mark or a similar academic qualification assessed on the basis of equivalence criteria, equal to or greater than 110/110, constitutes an indispensable requirement for admission. The requirement also applies in case of obtaining the degree after the expiry of the Call. 			
Programme learning Objectives and language	outcomes as we <u>here</u>	n find further information about the ell as the lines of research which are av e activities will be held in Italian and par	vailable for the new doctoral students,	
	Available places for D.M. 118/2023: N. 2 For each project listed below there is one place with a scholarship available For each research topic candidates can express one or more preferences PNRR PhDs (CUP B31I23000650006)			
TITLE AND CO	NTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic: Language and psyc (from medical reca archive of San Giacon Verona) CODE FILO01 Contact person: Pro Zangrandi	ords of the mo Hospital in	Not required	University of Geneva (Switzerland)	
		PA PhDs (CUP B31I23000720006)		
TITLE AND CO	NTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic: Catastrophe literary Veneto region in the literary CODE FILO02 Contact person: Dr Salvadé	modern age.	Biblioteca Civica del Comune di Verona 6 months	Wien University (Austria)	

	Evolution of qualifications*		
	 Evaluation of qualifications* Oral examination 		
	The oral examination will be in Italian		
	Required Languages:		
Admission procedure	Italian language skills are required.		
	 In addition to Italian, the knowledge of one of the following languages: English, French, German, Spanish, will be verified during the oral examination. 		
	Additional language skills (English, French, German, and Spanish) certified or supported by documentation, will be taken into consideration during the "evaluation of qualifications" under the voice: "Other titles".		
	Place: Classroom Olimpia – Palazzo di Lettere Polo Zanotto – Veronetta		
	Date: 24 July 2023		
Oral examination	Time: 9.00		
	The information will be published, as soon as available, on the PhD Program webpage		
Evaluation criteria	* A preliminary selection is conducted through the evaluation of the qualifications (for a maximum of 20 pts). The passing score is 12/20. This preliminary evaluation score will be added to the other one in order to compile the final merit ranking.		
Evaluation ontonia	Results will be published, as soon as available, on the PhD Program webpage.		
	A pass in the oral examination will be awarded only if the score is at least 40/60.		
	• Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call deadline: max. 0 points		
	• Graduation Thesis (in case the thesis has been delivered but not yet defended, it is required the documentation/self-certification proving the delivering): max. 5 points		
	Curriculum Vitae et Studiorum: max. 4 points		
Qualifications subject to	Scientific publications: max. 2 points		
evaluation and respective score	• Other titles the candidate considers relevant for the evaluation (certificates of language competences included in the list available <u>here</u> , or duly documented, only if minimum evaluation B1; master; post-graduate programmes; reference letters; etc.): max. 4 points		
	• Original research project, written in Italian or English (maximum seven 2,000-character pages, other than the bibliography), related to the PhD thesis that candidates wish to carry out: max. 5 points		
	Max qualifications score: 20		
	In their application form, candidates are required to indicate a single discipline (SSD) on which they wish to be examined:		
Examination topics	L-FIL-LET/10 – Italian Literature		
	L-FIL-LET/11 – Modern and Contemporary Italian Literature		
	L-FIL-LET/12 – Italian Linguistics		
	1		

Ph.D. programme in Inflammation, Immunity and Cancer Coordinator: Professor Vincenzo Corbo			
Programme duration	1st October 2023 – 30st September 2026 Thesis Defence: by May 2027		
Admission requirements	_"Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.); _ Degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _ Equivalent foreign degree.		
Programme learning objectives and language	site of Universit	Programme learning objectives and res y of Verona at the following link ctivities will be totally held in English.	search topics are available on the web
F		vailable places for D.M. 118/2023: N. sted below there is one place with a scl	
		PNRR PhDs (CUP B31I23000510006)	•
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic: Integrative genomic transcriptomic anal organoids to identif initiating programs cancer CODE IIC01 Contact person: Prof. Corbo	ysis of cancer y metastasis in pancreatic	Not required	Cold Spring Harbor Laboratory, NY (USA)
F	or each proiect li	PNRR PE6 Heal Italy sted below there is one place with a scl	nolarship available
Research topic: Radiomics and Image Analysis for Precision Diagnosis and Personalized Medicine CODE IIC02 Contact person: Prof. Mirko D'Onofrio Admission procedure • Evaluation of qualifications* • Oral examination • Oral examination: Italian or English • English language skills are required			
Place: The oral examination will normally take place in-person in Verona, Aula didattica della Sezione di Anatomia Patologica, Policlinico GB Rossi, University of Verona, with the exception of the following cases: (i) Covid positivity or quarantine obligation for the candidate; (ii) Italian and foreign candidates living abroad at the time of publication of this call; (iii) Italian and foreign candidates living in Italy at the time of publication of this call, and unable to hold the examination in-person due to injury, illness or another force majeure. In these cases, the oral examination will be held using the ZOOM platform. The link for the connection and relative instructions will be shared after the publication of the list of candidates admitted to the oral examination. It is understood that all candidates unable to sit the oral exam must promptly notify the secretariat and produce suitable evidential documentation.			

	Date: 27th July 2023
	Time : 9:00
	*The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. Results will be published, as soon as available, on the PhD Program web page.
Evaluation criteria	A pass in the oral examination will be awarded if the candidate has attained a minimum score of 40/60.
	The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.
	• Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. points 10
	Graduation thesis: max. points 10
Documents to be	Curriculum Vitae et Studiorum: max. points 10
submitted and relative scores	 Original research project in the field of the scholarship of interest, written in English or Italian (maximum length 5000 characters, spaces included): max. points 20
	Scientific publications: max. points 5
	Post-graduate programme and/or Master: max. punti 2
	• Research experience at Universities or research centres: max. punti 3
	Total qualifications score: 60
	For the scholarship in the field of Molecular Analysis Of Pancreatic Cancer (contact person: Prof Corbo): the oral exam includes the discussion of subjects relating to the research lines of the PhD with particular reference to Medical Oncology and the Molecular Biology of Tumors.
Examination topics	For the scholarship in the field of Radiomics and Image Analysis (contact person: Prof D'Onofrio): the oral exam includes the discussion of subjects relating to the research lines of the PhD with particular reference to Image diagnostics, computer analysis software, and information technology applied to medicine.

		h.D. Programme in Computer Scien	
	Coc	ordinator: Professor Ferdinando Cica	alese
Programme	3 years: 1st October 2023 – 30st September 2026		
duration	Thesis Defence	: by May 2027	
Adapianian	_"Laurea specia M.Sc.);	alistica" or "Laurea magistrale" (secon	d cycle university degree, e.g., M.A.,
Admission requirements		ken under the old Italian university syst inisterial Decree No. 599/1999;	em in force prior to the one introduced
	_or equivalent f	oreign degree.	
Programme learning objectives		the programme learning objectives and ona University at the following <u>link</u>	d research topics are available on the
and language	The Programme	e activities will be partially held in Engli	sh.
	Available place	es for D.M. 117/2023 (CUP B31I23000)830004): N. 13
F	or each project lis	sted below there is one place with a sc	holarship available
F	For each research	n topic candidates can express one or	more preferences
TITLE AND CO	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic:		Leonardo SpA	University of North Carolina (UNC)
Digital Twin development for data management and decision making in digital factory		(months to be defined)	at Chapel Hill
CODE: INFO01			
Contact person: Prof.	. Franco Fummi		
Research topic:		Leonardo SpA	University of North Carolina (UNC)
Digital Twin development for data management and decision making in aircraft in-service		(months to be defined)	at Chapel Hill
CODE: INFO02			
Contact person: Prof.	. Franco Fummi		
Research topic:		eVs embedded Vision Systems Srl	INRIA – Sophia Antipolis
Personal Psicophysical monitoring on IoT devices via multimodal data analysis and Al		(months to be defined)	
CODE: INFO03 Contact person: Prof.	Vittorio Murino		
		Alunava Orl	
Research topic Development of software for the		Alunova Srl (months to be defined)	Faculty of Information Technology and Communication Sciences (ITC)
remote configuriational aluminium doors and	on of		of the Tampere University, Finland
CODE: INFO04			
Contact person: Dr S	ara Migliorini		
Research topic		Needleye Robotics Srl	ACMIT – Austrian Center for
Optical Prostatic Biopsy via OCT		(months to be defined)	Medical Innovation and Technology
CODE: INFO05			

Contact person: Prof. Andrea Calanca		
Research topic <i>Monitoring of industrial</i> <i>processes via multimodal signal</i> <i>analysis</i> CODE: INFO06 Contact person: Dott. Francesco	Zobele Holding SpA (months to be defined)	Leibniz University Hannover, Hanover, Germany
Setti		
Research topic <i>Appeaty, forecasting for nutrition</i> CODICE: INFO07	Kemanji Srl (months to be defined)	PUC-Rio, Brazil
Contact person: Prof. Ferdinando Cicalese		
Research topic Block chain for the management of civil works CODE: INFO08	Build Trust Srl (months to be defined)	Simem Deutschland, Lindau
Contact person: Prof. Roberto Giacobazzi		
Research topic MBSE for the management of civil works	Build Trust Srl (months to be defined)	Simem Deutschland, Lindau
CODE: INFO09 Contact person: Prof. Franco Fummi		
Research topic Smart contract for the management of civil works CODE: INFO10 Contact person: Prof. Roberto Giacobazzi	Build Trust Srl (months to be defined)	Simem Deutschland, Lindau
Research topic Anomaly detection in multivariate temporal series for industrial monitoring applications CODE: INFO11 Contact person: Prof. Marco Cristani	Donatoni Macchine Srl (months to be defined)	University of Glasgow (UK)
Research topic <i>AI, IoT: machine learning in</i> <i>production processes –</i> <i>efficiency and sustainability</i> CODE: INFO12 Contact person: Prof. Alessandro Farinelli	Maxfone Srl (months to be defined)	To be defined

Research topic	Aiviz Srl	Simon Fraser University
Visual Inspection based on 3D	(months to be defined)	(Canada)
models		()
CODE: INFO13		
Contact person: Prof. Umberto Castellani		
A	vailable places for D.M. 118/2023: N.	6
For each project lis	sted below there is one place with a sch	nolarship available
For each research	h topic candidates can express one or r	more preferences
Environment	al and digital transitions (CUP B3112	3000590006)
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic	Banca d'Italia	University of Waterloo
Quantum Optimization Algorithms for Security Settlement Systems	12 months	(Canada)
CODICE: INFO14		
Contact person: Prof. Alessandra Di Pierro		
	PNRR PhDs (CUP B31I23000620006)	
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic	Not required	Institute of Oncology Research
Efficient and accurate analysis of spatial transcriptomics data		(IOR), Bellinzona (Switzerland)
CODE: INFO15		
Contact person: Prof. Rosalba Giugno		
	PA PhDs (CUP B31I23000710006)	
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic	Regione Veneto	Interdisciplinary Lab for Intelligent
Forecasting the effects of	6 months	and Adaptive Systems (ILIAS) University of Luxembourg
legislative reformation de iure condendo by computational methods		(Luxembourg)
CODE: INFO16		
Contact person: Prof. Matteo Cristani		
Research topic	EB Neuro SpA	Harvard Medical School (HMS),
Development of EEG-TMS systems based on brain connectomics for personalized treatment of epilepsy CODE: INFO17	6 months	Boston Children's Hospital (BCH) - Boston, MA (USA)

Contact person: Prof Francesca Storti	. Sivia		
Research topic Augmented reality and gamification for innovative fruition of cultural heritage CODE: INFO18 Contact person: Prof. Umberto		Comune di Verona 6 months	Simon Fraser University - Vancouver (Canada)
Castellani Research topic Innovative Biophysical models for characterizing neurodegenerative processes in the central nervous system CODE: INFO19 Contact person: Prof. Alessandro		IMEKA Sherbrooke (Canada) 6 months	Translational Imaging in Neurology (ThINk) group, department of Biomedical Engineering, University of Basel (Switzerland)
Daducci		DNDD DE6 Hool Koly	
F	or each project lis	PNRR PE6 Heal Italy sted below there is one place with a s	cholarship available
Research topic: <i>Development of Alg</i> CODE: INFO20 Contact person: Prof		ovative methods for Bioinformatic	s and multi-omics data analysis
Admission procedure	 Evaluation of qualifications* Oral examination Language for the oral examination: English English language skills are required. 		
Oral examination	 Place: The oral examination will be held by telematic means, via the Zoom platform. Instructions and link for the connection will be provided after the publication of the list of candidates admitted to the oral examination. Date: to be defined Time: to be defined 		
Evaluation criteria	 *The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the PhD Program web page. A pass in the oral examination will be awarded if the candidate has attained a minimum score of 40/60. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to obtain the final ranking. For each position there will be separate specific rankings. 		
Qualifications subject to evaluation and respective score	 Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. points 24 Graduation Thesis: max. points 10 Curriculum Vitae et Studiorum: max. points 12 Candidate's letter of motivation: max. points 4 Scientific publications with a clear contribution of the candidate: max. points 3 		

• Nr. 2 reference letters released by Professors of the University that conferred the academic title (for both Italian and foreign candidates): max. points 2
Research experience at Universities or research centres: max. points 5
Total qualifications score: 60

	-	gramme in Foreign Languages and L Coordinator: Professor Anna Bognolo		
Programme duration	3 years: 1st October 2023 – 30th September 2026 Thesis defence deadline: May 2027			
Admission requirements	 "Laurea specialistica" or "Laurea magistrale" (second level university degree, e.g., M.A., M.Sc.). Italian M.A. obtained prior to the enforcement of the DM 509/9. 			
	- M.A. or eq	uivalent foreign second level university of	degree.	
Programme objectives, curricola, and languages	Programme objectives and learning outcomes of the Ph.D. programme can be found <u>here</u> Classes, lectures, seminars, etc. will be in Italian and English as well as in the languages of the Ph.D. programme (i.e. French, Spanish, German, Russian, Chinese).			
Additional documents and evaluation	evaluation:	All candidates are asked to submit the following documents for preliminary evaluation:		
		: max. score: 10 points ;		
	funding appl	hic CV stating any publications, conferer licants may have been awarded: max. s	core: 5 points	
	 an original project illustrating the type of research (topic, methodology, aims, etc.) candidates wish to carry out during their doctorate. Please include a select bibliography. The project must be written in Italian or in English and <u>should not exceed the maximum</u> <u>length of 9,000 characters</u> (spaces included): max. score: 25 points Please note: it is recommended to check the project's feasibility by considering the main 			
	research areas and interests of the Ph.D. board members' (see <u>here).</u> Max. total score: 40 points			
Exam topics	During the oral exam (interview) candidates will be asked to illustrate and discuss their project and the related scientific field.			
	Results will	published on the Ph.D. programme web page (see <u>here).</u>		
For eac		vailable places for D.M. 118/2023: N. ted below there is one place with a so		
		PNRR PhDs (CUP B31123000660006)		
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic:		Not required	Universitat Autònoma de Barcelona	
Representación y valorización en entorno digital del patrimonio lexicográfico en lengua español)			(Spain)	
CODICE LIN01				
Contact person: Prof. Matteo De Beni				
	Cı	Iltural Heritage (CUP B31I2300075000)6)	
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic:		Biblioteca Nazionale Marciana di	Universidad Complutense de Madrid	
El libro antiguo españo Venecia en el Siglo de		Venezia 6 months	(Spain)	
CODICE LIN02				
Contact person: Prof. An	na Bognolo			

Preliminary evaluation
Shortlisting will be based on the evaluation of the documents listed above (CV, project, etc). In order to be admitted to the oral exam, candidates must obtain a minimum score of 25/40 points.
Oral exam The oral examination will be held remotely via Zoom. Place: Department of Foreign Languages and Literatures Date: 26/7/2023 Time: 15.00 Information concerning the link will be published as soon as possible on the Course webpage.
The oral exam will be in Italian or in English, as well as in in the candidate's language of specialization (Spanish)
Language requirements
Good knowledge of Italian or of English.
Excellent knowledge of the Ph.D. specialization language (Spanish).
Good knowledge of an additional language that the candidate can choose among the following: English, French, German, Russian.
Note: the knowledge of the Italian language is not compulsory . Nevertheless, the improvement of Italian language skills is strongly recommended during the doctoral course. The University Language Centre (CLA) offers Italian L2 language proficiency courses at different levels that can be attended with no additional costs by students regularly enrolled in the PhD program.
Minimum passing score: 40/60 . The final admission list will be drawn up combining the results of the evaluation of CV, project, etc. and of the oral exam (total max 100/100).
Results will be published on the Ph.D. programme web page (see here).

		Ph.D. programme in Linguistics Programme with the Free Universit Coordinator: Prof. Stefan Rabanus		
Programme duration	-	October 2023 – 30 th September 2026 nce: by May 2027		
Admission requirements	 "Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g. M.A., M.Sc.) degree prior to the introduction of the Italian Ministerial Decree No. 509/99 Master of Science/Arts or equivalent foreign degree 			
Programme objectives, tracks and languages	here. A Cooperatibetween th (Germany).	A Cooperation Agreement for the internationalization of the Doctorate is in force between the University of Verona and the Philipps-Universität Marburg		
Admitted research areas	 phonetics, phonology, morphology, syntax, semantics, pragmatics, lexicon; sociolinguistics; dialogue, discourse and conversation analysis; typical and atypical language development; language teaching; Germanic and Romance philology; language contact, German and Romance dialects, minority languages, multilingualism; language policies. 			
For eac		vailable places for D.M. 118/2023: N ed below there is one place with a s		
	F	PNRR PhDs (CUP B31123000640006)	
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic: <i>Reading and understanding:</i> <i>educational paths for an</i> <i>inclusive school and society</i> CODE: LINGUISTICS01 Contact person: Prof. Chiara Melloni		Not required	CNRS Toulouse: Laboratoire Cognition, Langues, Langage, Ergonomie (CLLE) UMR 5263, France	
Evaluation criteria	 Evaluation of submitted documents The evaluation of the submitted documents is preliminary to the oral examination in English and compare to be achieved to access the oral exam: 25/40. Oral examination: the candidate can choose to take the examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examilanguage centres of the Universities of Bozen and Verona will offer selected door students courses to improve their language skills. Oral Examination The oral examination will be held remotely via Zoom on 20 July 2023, starting from the oral examination in the oral examination is the oral examination in English and the oral examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examination in English and knowledge of at least one other language – It or German – is required. Language skills will be assessed during the oral examination is the oral examination is the oral examination is the universities of Bozen and Verona will offer selected door students courses to improve their language skills. 		exam: 25/40 . to take the examination in English, at least one other language – Italian assessed during the oral exam. The d Verona will offer selected doctoral	

11.00. The exact time schedule and the Zoom link will be published as soon as possible on the Course website <u>here</u> .
The oral exam is evaluated in 60/60 and is considered passed if the candidate obtains at least 40/60 .
The score resulting from the assessment of the submitted documents will be added to the score achieved in the oral exam.
The results of the evaluation process will be published as soon as possible on the Ph.D. programme web page <u>here</u> .
All candidates are invited to submit the following documents in the Application Form:
- Second cycle degree thesis (usually Master thesis): max. score 10 points
- Other relevant documents/qualifications that the candidate considers useful for the assessment purposes (<i>curriculum vitae</i> , language certificates, etc.): max. score 5 points
- Original research project written in Italian, German or English of maximum length 9,000 characters (spaces included, plus a list of references), concerning the Ph.D. thesis that candidates wish to carry out during their doctorate: max. score 25 points
Please note: for the purpose of feasibility of the candidate's project, it is advisable to check the research areas covered by the members of the PhD Board <u>here</u> .
Max. total score: 40 points
The oral exam focuses on topics concerning the research areas of the course, with a focus on the topic <i>Reading and understanding: educational paths for an inclusive school and society.</i>

		D. programme in Biomolecular Medio rdinator: Professor Lucia De Frances			
Programme	3 years: 1st October 2023 – 30st September 2026;				
duration	Thesis Defence: by May 2027				
Admission requirements	_"Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99); _or equivalent foreign degree.				
Curricula, programme objectives and learning outcomes, languages	 Biocher Clinical The position av Programme obj at the PhD Program 	 The PhD programme is divided into 2 curricula: Biochemistry Clinical Genomics and Proteomics The position available in this call belongs to the Biochemistry curriculum Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the PhD Programme web site The program activities will be totally held in English 			
For	Available places for D.M. 118/2023: N. 1 For each project listed below there is one place with a scholarship available				
		PNRR PhDs (CUP B31123000520006)			
TITLE AND C	TITLE AND CONTENT RESEARCH PARTNER AND COMPANY MOBILITY ABROAD (6 months)				
Research topic: <i>Extracellular vesicles as diagnostic tool and drug delivery system</i> CODE MED01 Contact person: Prof. Sofia Giovanna Mariotto		Not required	Friedrich-Alexander-University Erlangen-Nürnberg, Department of Biology, Pharmaceutical Biology, Staudtstr. 5, 91058, Erlangen, (Germany)		
Admission procedure	 Evaluation of qualifications* Oral examination Language for the oral examination: Italian or English English language skills are required 				
Oral examination	 Place: Classroom I (Imola) Lente Didattica Borgo Roma. Candidates residing abroad may take the oral examination via Zoom upon request in the application form. The link will be provided with the publication of the list of those admitted to the oral exam at the PhD Program web page Date: 26 July 2023 Time: 12.30 				
Evaluation criteria	*The evaluation of qualifications is preliminary to the oral examination. To gain access to the oral examination, candidates must have attained a minimum score of 40/60 points. The evaluation will be made before the oral examination and the results will be published as soon as available, on the Verona University web site at the <u>PhD Program web page</u> . A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.				

Documents to be submitted and relative scores	 Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (max. score: 20 points) Curriculum Vitae et studiorum (max. score: 25 points) Candidate's letter of motivation (max. score: 0 points) Scientific publications (max. score 5 points) Other qualifications that could be considered relevant (max. score: 2 points) Post-graduate program and/or Master (max. score: 3 points) Nr. 1-2 reference letters released by professors of the university that conferred the academic title/titles (for both Italian and foreign candidates) (max. score: 5 points) Research experience at universities or research centres (max. score: 5 points) 			
	Max. total score: 60 points			
Examination topics	Proteomics and genomics applied to cardiovascular, immunoreumathologic, and hematologic diseases; Biochemistry			

Ph.D	• •	nme in Nanosciences and Advanced oordinator: Professor Adolfo Speghi	-	
3 years: 1 st October 2023 – 30 st September 2026;				
Programme duration	Thesis [Thesis Defence: by May 2027		
	_"Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e M.A., M.Sc.);			
Admission requirements		egree taken under the old Italian univers he Italian Ministerial Decree No. 599/99		
		valent foreign degree		
Curricula, programme objectives and learning outcomes, languages	 The PhD programme is divided into three curricula: 1. Morphological and Clinical Nanomedicine 2. Sciences and Forensic Technologies 3. Nanomaterials and Chemical-Physical Technology Candidates can find further information about the programme objectives and its learning outcomes here 			
	The pro	gram activities will be totally held in Eng	lish	
For each p		vailable places for D.M. 118/2023: N. ted below there is one place with a so		
		PNRR PhDs (CUP B31123000630006)		
TITLE AND CONTEN	TITLE AND CONTENT RESEARCH PARTNER AND MOBILITY ABROAD (6 months) COMPANY			
Structural studies of modified amyloidogenic proteins and their interaction with nanoparticles for biomedical use CODE: NANO01 Contact person: Prof. Mariapina		Not required	Université de Picardie Jules Verne, Amiens, 80039 (France)	
D'Onofrio Admission procedure	 Evaluation of qualifications Oral examination Language for the oral examination: Italian and English for Italian candidates, English for Foreign candidates English language skills are required 			
Prova orale	Place: Library, Department of Biotechnology. Candidates residing abroad may take the oral examination via Zoom upon request expressed in the application. The link will be published as soon as possible on the Course <u>webpage</u> Date: July 21, 2023 Time: 10.00 Italian Time			
Evaluation criteria	A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.			
Documents to be submitted and relative scores		Certificate with final graduation mark or academic career in case of final gradua score: 10 points) Graduation thesis (max. score: 5 point	tion after the Call deadline (max.	
		Curriculum Vitae et studiorum (max. sc	,	

	Scientific publications (max. score 5 points)		
	• Other qualifications that could be considered relevant (max. score: 5 points)		
	 Research experience at universities or research centres (max. score: 5 points) 		
Brief report explaining the candidate's scientific interests, in Englis 10.000 characters, spaces included) (max. score: 5 points)			
	Max. total score: 40 points		
	 Nanomedicine applied to pediatrics: imaging, anatomy, morphology. 		
Examination Topics	Forensic Toxicology, Forensic Genetics, Forensic Biochemistry, Forensic Pathology, Analytical Chemistry		
	 Nanotechnology, inorganic chemistry, organic chemistry, physical chemistry, physical analytical chemistry, physics of condensed matter, physics of solid 		

Ph.D. Progra		cience, Psychological and Psychiatr ordinator: Professor Michela Rimono			
Programme duration	3 years: 1st October 2023 – 30th September 2026; Thesis defence: by May 2027				
Admission	e.g., M.A., M.So	_"Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.);			
requirements	introduced by th	aken under the Italian university syster ne Italian Ministerial Decree No. 509/19 oreign degree.			
Programme objectives and learning outcomes, research lines and languages	Information on following link: programme ob Candidates inte specific project	_or equivalent foreign degree. Information on the Programme objectives and its leaning outcomes, can be found at the following link: programme objectives Candidates interested in applying for one or more dedicated positions associated with a specific project shall indicate such interest in their motivation letter. The Programme activities will be held in Italian and partly in English.			
	-	es for D.M. 117/2023 (CUP B31I2300			
For	•	ed below there is one place with a se	,		
Fo	r each research	topic candidates can express one or	r more preferences		
TITLE AND C	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)		
Research topic: <i>Effectiveness of land-based</i> <i>versus water-based rehabilitation</i> <i>on motor and nonmotor</i> <i>symptoms and disability in</i> <i>patients with Parkinson's disease</i> <i>and postural abnormalities: a</i> <i>single-blind, randomized</i> <i>controlled trial</i> CODE: NEURO01 Contact person: Prof. Michele Tinazzi		Kos Care Srl Casa di Cura Villa Margherita, Arcugnano (Vicenza) 12 months	St George's, University of London, London (SGUL) – London UK		
Research topic: Innovative approact parkinson disease a effects on motor and disabilities CODE: NEURO02 Contact person: Prof	treatment: d cognitive	Kos Care Srl Ospedale San Pancrazio di Arco (Trento) - Gruppo Kos Care 13 months	School of Psychology William Guild Building King's College Aberdeen AB24 3FX Scotland United Kingdom		
Research topic: <i>Identification of molecular</i> <i>biomarkers of brain aging in nasal</i> <i>swabs of normal elderly subjects</i> CODE: NEURO03 Contact person: Prof. Gianluigi Zanusso		Copan Italia SpA 6 months	National Institute of Health (NIH) Hamilton, Montana USA		
Research topic:		EB Neuro SpA	Neurosurgery Department		

NavigatedrobotizationintranscranialmagneticstimulationtechniquesinpreoperativebrainmappingproceduresforbraintumorsurgeryCODE:NEURO04Contactperson:Prof.FrancescoSala	10 months	Charitè University of Berlin Germany			
Research topic: Development of multi-omic analysis to test and validate novel therapeutic approaches for the treatment of neurodegenerative diseases CODE: NEURO05 Contact person: Prof. Ilaria Decimo	Hemera Srl 12 months	University College London UK			
Available places for D.M. 118/2023: N. 10 For each project listed below there is one place with a scholarship available For each research topic candidates can express one or more preferences					
Environment	al and digital transitions (CUP B3112	3000540006)			
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)			
Research topic: Prototyping of hardware/software systems for optode montage and anatomo-functional co- registration of fast optical signal CODE: NEURO06 Contact person: Prof. Silvia Savazzi	E.M.S srl Bologna 6 months	Centre for Cognitive Neuroimaging, University of Glasgow, Scotland UK			
Research topic: Exposure to green spaces for the promotion of health and well- being: what is the "minimum dose" and how can we get it in our cities? CODE: NEURO07 Contact person: Prof. Silvia Pogliaghi	Centre for Research in Environmental Epidemiology, Barcelona, Spain 6 months	Ghent University - Faculty of Medicine and Health Sciences Belgium			
PNRR PhDs (CUP B31I23000530006)					
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)			
Research topic: <i>Effects of neuromuscular fatigue</i> <i>on de-novo motor skills learning</i> CODE: NEURO08 Contact person: Prof. Matteo Bertucco	Not required	Pennsylvania State University, PA, USA			

	PA PhDs (CUP B31123000550006)	
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic: Dance Well: Relationship among actions and emotional and cognitive components in stroke patients. A quantitative and observational study CODE: NEURO09 Contact person: Prof. Paola Cesari	Azienda Ulss 9 Scaligera Verona 6 months	Department of Dance, Froebel College, University of Roehampton, London UK
Research topic: Supporting Healthcare providers after errors and adverse events in surgery. Co-creation of an e- health psychological intervention for second victims CODE: NEURO10 Contact person: Prof. Michela Rimondini	Azienda Ospedaliera Universitaria Integrata Verona 6 months	Johns Hopkins University Johns Hopkins Bloomberg School of Public Health Baltimore USA
Research topic: <i>Markers of physical and cognitive</i> <i>fatigue in healthy and</i> <i>pathological conditions</i> CODE: NEURO11 Contact person: Prof. Mirta Fiorio	Azienda Ospedaliera Universitaria Integrata Verona 6 months	Université de Fribourg Switzerland
Research topic: Digital telemedicine in improving health related outcomes and disability in patients with Progressive Multiple Sclerosis CODE: NEURO12 Contact persons: Prof. Marialuisa Gandolfi Prof. Alberto Gajofatto	Azienda Ospedaliera Universitaria Integrata Verona 6 months	Faculty of Rehabilitation Sciences, UHasselt, 3590 Diepenbeek Belgium
Research topic: <i>The cognitive-motor interplay in</i> <i>elderly population in a virtual</i> <i>reality environment</i> CODE: NEURO13 Contact person: Prof. Mirta Fiorio	Azienda Ospedaliera Universitaria Integrata Verona 6 months	University of Magdeburg Germany
Research topic: <i>Neuronal connectivity and</i> <i>plasticity of the visual system in</i> <i>physiological and pathological</i> <i>conditions</i> CODE: NEURO14 Contact person: Prof. Silvia Savazzi	E.M.S srl Bologna 6 months	Centre for Cognitive Neuroimaging, University of Glasgow, Scotland UK

Research topic: Biomarkers for the clinical and course characterization of depression CODE: NEURO15 Contact person: Prof. Sarah Tosato		Azienda Ospedaliera Universitaria Integrata Verona 6 months	Institute of Psychiatry, Psychology and Neuroscience, King's College, London UK	
Admission procedure	Italian and foreign candidates • Evaluation of qualifications (CV)* • Oral examination Language for the oral examination: Italian or English • English language skills are required • Italian language skills are highly recommended			
Oral examination	Place: online Zoom platform Date: 24/25/26/28 July 2023 Time: 14.00-18.00 Information concerning the link, will be published as soon as possible on the <u>PhD Programme</u> webpage			
Evaluation criteria of examinations	 *The evaluation of qualifications (CV) is preliminary to the admission examinations. Only candidates who will attain a minimum score of 15 points will gain access to the oral examination. The results will be published, as soon as available, on the <u>PhD program web page</u>. A pass in the oral examination will be awarded if the candidate has attained a minimum score of 40/60. The score obtained after the evaluation of the qualifications (CV) will be added to the score of the oral examination in order to draw up the merit ranking. On the basis of the final score, separate rankings will be made for each place associated with a specific research project. 			
Qualifications subject to evaluation and respective score	 Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 7 points. Graduation Thesis (in pdf format) If the candidate has not yet discussed the thesis at the time of the submission, he/she is invited to upload the pdf containing the most updated version of the thesis, together with an accompanying letter of the thesis supervisor: max. 7 points Curriculum Vitae et Studiorum (drafted basing on the format available at the following link): max. 6 points Candidate's motivation letter with the indication, if possible, of one or more research projects among those available: max. 7 points Scientific publications: max. 3 points Total qualifications score: 30 			
Examination topics	 The Neurosciences, and Neurological and Psychiatric Pathologies Psychological and Psychiatric Sciences Movement Sciences 			

Ph.D. programme in Applied Life and Health Sciences					
Coordinator: Professor Simone Accordini					
Programme duration	3 years: 1 st October 2023 – 30 th September 2026;				
	Thesis Defence: by May 2027				
Admission requirements	_"Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.);				
	_or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99);				
	_or equivalent foreign degree				
Programme objectives and learning outcomes, languages	Candidates can find further information about the programme objectives, its learning outcomes, as well as the research topics, at the following <u>link.</u>				
	The programme activities will be partially held in English.				
	Candidates can submit more than one application for the PhD programme.				
Av	ailable plac	es for D.M. 117/2023 (CUP B31I2300	0790004): N. 1		
For the	project liste	d below there is one place with a so	holarship available		
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)		
Research topic:		innovagenome S.r.l., Brescia, Italy	Erasmus University Medical Center,		
Development and validation of PRSs for the characterization of injury risk in sport		(10 months)	Rotterdam, The Netherlands		
CODE: SAVS01					
Contact person: Prof. Gio Malerba	ovanni				
	A	vailable places for D.M. 118/2023: N.	1		
For the	project liste	d below there is one place with a so	holarship available		
		PNRR PhDs (CUP B31123000560006)			
TITLE AND CONTENT		RESEARCH PARTNER AND COM- PANY	MOBILITY ABROAD (6 months)		
Research topic:		Not required	Department of Biomedical Data Sci-		
Use of e-Health platforms to convey forecasts of critical environmental conditions to the susceptible population			ences, Leiden University Medical Center, The Netherlands		
CODE: SAVS02					
Contact person: Dr Aless Marcon	andro				
Admission procedure	 Evaluation of qualifications Oral examination Language for the oral examination: Italian or English English language skills are required 				
Oral Examination	Place: Classroom of the Biology and Genetics Section (Department of Neurosciences, Biomedicine and Movement Sciences) Date: 24/07/2023				

	Time: 9:00		
	For candidates residing in Italy, the examination will be face-to-face.		
	For candidates residing abroad, it will be possible to take the examination via the Zoom platform.		
	Instructions and the link for connection will be published as soon as possible on the PhD programme's <u>webpage.</u>		
	A pass in the oral examination will be awarded only if the score is at least 40/60.		
Evaluation criteria	The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination, after the oral examination.		
	Separate rankings will be drawn up for each of the positions linked to the specific projects. In case of non-assignment of one of these places, the Selection Committee reserves the right to re-assign it by scrolling through the other merit ranking.		
Documents to be submitted and relative scores	 Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (max. score: 20 points) Graduation thesis (max. score: 5 points) Curriculum Vitae et studiorum (max. score: 10 points) Scientific publications (max. score 10 points) Other qualifications that could be considered relevant (max. score: 5 points) Post-graduate programme and/or Master (max. score: 5 points) Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (only for foreign applicants) (max. score: 0 points) Research experience at universities or research centres (max. score: 5 points) Max. total score: 60 points 		
Examination topics	The oral examination includes the discussion of the subjects related to the research topics of the PhD programme.		

Ph.D. Programme in Archaeology, Art History and History				
		Coordinator: Prof. Renato Camurri		
Programme duration		er 2023 – 30 th September 2026		
	Thesis Defence: by May 2027			
Admission requirements	M.A., M.S	_"Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.) (candidates should present an abstract of their dissertation or, if they suppose it is opportune, present the dissertation);		
		aken under the old Italian university sys d by the Italian Ministerial Decree No. 59		
	according	degree equivalent to a Master (second to the Bologna agreement – e.g. a Mastin the same country.		
Learning objectives, curricula and language		on on Programme learning objectives, co on the web site of University of Verona		
		oral activities will be held mainly in Italiar n English may be planned, as well.	n; nevertheless, lessons and other	
Ava	ailable plac	ces for D.M. 117/2023 (CUP B31I23000	0840004): N. 1	
For each	project lis	ted below there is one place with a so	cholarship available	
F	or each pla	ace candidates can express only one	preference	
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic: Paleoenvironmental methods and approaches for historical landscape analysis in Po Plain (Late Antiquity and Early Middle Age). CODE: SASS01 Contact persons: Prof. Fabio		C.A.A. Giorgio Nicoli srl 18 months	Universidad del País Vasco (Spain)	
Saggioro Prof. Nicola Mancassola				
	Δ	vailable places for D.M. 118/2023: N.	1	
For each		ted below there is one place with a so		
		ace candidates can express only one		
Cultural Heritage PhDs (CUP B31I23000760006)				
			MOBILITY ABROAD (6 months)	
Research topic:				
From private collection and digital fruition contemporary art collecti University of Verona documentation and narra CODE: SASS02	n: the ion of the between	Giga Design Studio Srls Milano 6 months	Universität St. Gallen (Switzerland)	
Contact person: Prof. Monie	ca Molteni			

Admission procedure	 Evaluation of qualifications* Oral examination Language of the oral examination: Italian (for foreign candidates, English or French) English language skills are required According to their choice, candidates will be shortlisted separately in two merit ranking lists. 	
Oral examination	 Place: the oral examination will be held by videoconferencing via Zoom. Exams will follow the alphabetical order of the candidates. Candidates entering the videoconference should have at their disposal a good internet coverage. Date: 25/7/2023 Time: 10.30 Instructions and link for the connection will be provided with the publication of the list of candidates admitted to the oral examination on the PhD Program web page. 	
Evaluation criteria	 *The evaluation of qualifications is preliminary to the oral examination. Only candidate who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the PhD Program web page. A pass in the oral examination will be awarded if the candidate has attained a minimum score of 40/60. The final score will be the sum of the evaluation of their qualifications and the score of the oral examination. 	
Qualifications subject to evaluation and respective score	 Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call deadline: max. 5 points Curriculum Vitae et Studiorum: max. 15 points Scientific publications: max. 10 points Original research project, written either in Italian or in English (maximal length: 7 pages of 2000 characters including spaces and bibliography): max. 30 points Max qualifications score: 60 	
Examination topic	The oral exam consists of the discussion of the project and of topics referring to the PhD Programme's research lines. Candidates should be able to understand and translate a short text in one of the following European languages (but not the mother tongue of candidates): English, German, French, Italian only for non-Italian native speakers.	

Ph.D. programme in Surgical and Cardiovascular Sciences Coordinator: Professor Andrea Ruzzenente			
Programme duration	3 years: 1st October 2023 – 30st September 2026; Thesis Defence: by May 2027		
Admission	M.Sc.);	alistica" or "Laurea magistrale" (second	
requirements		ken under the old Italian university syst al Decree No. 599/99); oreian dearee	em (prior to the one introduced by the
		amme is divided into 3 curricula:	
Curricula,	1. Surgical Or	cology	
programme	2. Cardiovasc	ular Sciences	
objectives and learning outcomes,	3. Odontoston	6,	
languages	at the PhD Proc	ectives and learning outcomes of the P gramme <u>webpage</u>	h.D. degree programme can be found
	The program ac	ctivities will be totally held in English	
	Available plac	es for D.M. 117/2023 (CUP B31I2300	0800004): N. 3
		sted below there is one place with a scl h topic candidates can express one or i	
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic		Medics Srl	To be defined
Revolutionizing Precision Medicine with Al-Powered Custom 3D Models: REMEDY		6 months	
CODE: SCC01			
Contact person: Prof. Andrea Ruzzenente			
Research topic		Nanodent Srl	UCL Grear Ormond Street Hospital
Dental regeneration through 3D bioprinting and orthogonal differentiation of placenta mesenchymal cells		6 months (3 at BioMatLab)	London UK
CODE: SCC02			
Contact person: Prof. Luca Giacomello			
Research topic Co-financing body: Edwards			To be defined
Precision medicine in aortic stenosis: early diagnosis, risk stratification and optimization of therapies		Lifesciences SA Research institution: to be defined 6 months	
CODE: SCC03			
Contact person: Prof. Flavio Luciano Ribichini			
Available places for D.M. 118/2023: N. 2 For each project listed below there is one place with a scholarship available			

For each research topic candidates can express one or more preferences					
	PNRR PhDs (CUP B31I23000600006)				
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)		
Research topic Implementation of theranostic approaches and cancer-specific intraoperative visualization in gastric adenocarcinoma		Not required	Research Institute Against Digestive Cancer (IRCAD) Strasbourg (France)		
CODE: SCC04 Contact person: Prof Manzoni	. Giovanni De				
		PA PhDs (CUP B31123000690006)			
TITLE AND C	ONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)		
Research topic Postprandial hyperglycaemia and cardiovascular risk in paediatric patients with Type 1 Diabetes: how to improve the impact of Automated Insulin Delivery systems? CODE: SCC05 Contact person: Prof. Claudio		Azienda Ospedaliera Universitaria Integrata Verona	Department of Pediatric Endocrinology, Diabetes and Metabolism, University Children's Hospital, University Medical Centre Ljubljana (Slovenia)		
Maffeis Admission procedure	 Evaluation of qualifications Oral examination Language for the oral examination: English English language skills are required 				
Oral examination	Place: via Zoom; the link will be published as soon as possible on the Course webpage Date: 21/7/2023				
Evaluation criteria	Time: 10.00 A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. Separate rankings will be drawn up for the positions In case of non-assignment of one or more of the places, the Selection Committee reserves the right to re-assign them by scrolling through the general merit ranking.				
Documents to be submitted with the Application Form and relative scores	 Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (max. score: 5 points) Graduation thesis (max. score: 5 points) Curriculum Vitae et studiorum (max. score: 6 points) Candidate's motivation letter (max. score: 2 points) Scientific publications (max. score 6 points) Other qualifications that could be considered relevant (max. score: 6 points) Post-graduate program and/or Master (max. score: 5 points) Research experience at universities or research centres (max. score: 5 points) 				

	Max. total score: 40 points
Examination topics	Physics – Biology – Biochemistry – Physiology – Fluid dynamics – Biomaterials – Cardiology – Cardiac Surgery – Basic Laboratory Methods – Molecular Biology and Genetics in Cardiovascular Research – General Surgery – Dentistry – Head and Neck Surgery – Data analysis and statistics

Ph.D. Programme in European And International Legal Sciences Coordinator: Professor Giovanni Rossi			
Programme duration	3 years: 1 st October 2023 – 30th September 2026; Thesis Defence: by May 2027		
	_"Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.);		
Admission requirements	by the It	egree taken under the old Italian universi alian Ministerial Decree No. 509/1999);	ty system (prior to the one introduced
	The Phi	ivalent foreign degree. D programme requires a full time and exc . 226/2021).	lusive work-related commitment (Article
Programme languages		gramme activities will be held mainly in le ese and German.	talian, and partially in English, Spanish,
Programme objectives		nme objectives and learning outcomes on the Verona University web site	of the Ph.D. degree programme can be
	-	ces for D.M. 117/2023 (CUP B31I23000 isted below there is one place with a sch	•
TITLE AND CONTEN		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)
Research topic: Cybersecurity, digital opera	tional	Generalfinance 18 months	King's College London
resilience for the financial s and protection of rights, in a Unitary, internal and compa- perspective CODE: SGEI01 Contact persons: Prof. Troiano Prof. Marco Torsello	a Euro-		UK
Prof. Roberto Flor			
Admission procedure and evaluation criteria	 All candidates (whether residing in Italy or permanently resident abroad): for admission to the competition the candidacy must necessarily be integrated with the following documentation (see below for details and score): research project, curriculum vitae et studiorum, separate list of publications if any. The selection will be composed of two parts: evaluation of qualifications and evaluation of research project (score: min 42, max 70 points), oral examination (score: min 18, max 30 points). Stage 1: evaluation of qualifications and research project is preliminary to the oral examination. To gain access to the oral examination (Stage 2), candidates must have attained a minimum score of 42/70 points. The results will be published on the PhD Program web page. 		

	Stage 2: oral examination		
	Only the candidates having passed the minimum score required in the first stage (min.		
	42 points) will be admitted to the oral examination.		
	To succeed in the oral examination, candidates shall obtain the score of at least 18/30 points.		
	The score obtained by candidates in Stage 1 will be added to the score of the examination (Stage 2) in order to draw up the final merit ranking.		
	Languages for the oral examination		
	All candidates: Italian or English (to be indicated in the Application Form)		
	Required Languages:		
	The knowledge of at least one of the following languages (to be indicated in the Application Form), in addition to the language selected for the oral examination, is mandatory and will be tested during the oral examination:		
	• Italian (where the language chosen for the oral exam is English)		
	• English		
	French		
	Spanish		
	German		
	In case of multiple selection, the knowledge of all the selected languages will be considered mandatory.		
	Place: Sala Colonne, Department of Law		
	Date: 14/07/20023		
Stage 1 - Evaluation of	Time: 14:00		
qualifications and evaluation of research	Candidates may NOT be present.		
project	Candidates who obtained at least 42/70 points (Stage 1) will be admitted to the oral examination. The list of candidates admitted to the oral examination (Stage 2) will be published on the Verona University web site at the section of the <u>PhD Program web page</u> .		
	Place: Sala Colonne, Department of Law. Candidates residing abroad may take the oral examination via Zoom upon request in the application form. The link will be provided with the publication of the list of those admitted to the oral exam at the <u>PhD Program</u> web page		
	Date: 20/07/2023		
	Time: 11:30		
Stage 2 - Oral examination	The Admission Examination Committee will evaluate if and to what extent candidates are fit for the PhD programme. The evaluation will be based on:		
	a) The topic and quality of the research project submitted by the candidate		
	 b) The candidate's knowledge of the examination topic chosen by the candidate and indicated in the Application Form 		
	c) Knowledge of one of these foreign languages: Italian, French, English, German, Spanish.		
	To pass the oral examination candidates must have obtained a score of at least 18 points out of 30.		

	• Curriculum Vitae et studiorum with a degree certificate with final mark (or list of marks obtained during the academic career in case of final graduation after the Call deadline) and list of scientific publications (score: max 10 points)
	• Copy of scientific publications (maximum no. 5): (score: max 6 points)
Documents evaluated during Stage 1	• Other qualifications that could be considered relevant for the evaluation (score: max 4 points)
	• Original research project, written in Italian or English, with a maximum length (limit to be respected under penalty of exclusion) of 6000 words including any footnotes and excluding bibliography. The project must report the chosen topic's code (see below) (score: max 50 points)
	Score: min 42, max 70.
Examination topics	The oral exam focuses on the discussion of the indicated research topic

Ph.D. programme in Human Sciences Coordinator: Professor Chiara Sità				
Duran harden	3 years: 1st October 2023 – 30st September 2026			
Programme duration	Thesis Defence: by May 2027			
	- "Laurea s M.A., M.Sc.	pecialistica" or "Laurea magistrale" (s);	second cycle university degree, e.g.,	
Admission requirements		ee taken under the old Italian universit n Ministerial Decree No. 509/99);	y system (prior to the one introduced	
	- or equival	ent foreign degree.		
		on aims and research areas of the Phi ad on the University of Verona website		
	1. Inclusive education)	ch areas of the Programme are: e societies (gender and queer studies		
Educational aims	and wells 3. Child de	and organizational dynamics (teach being in organizational contexts) evelopment and educational practice	es (infant research; language	
	 acquisition and development; <i>childhood education and care</i>) 4. Theories and practices of care (phenomenology of care; caring in nursing; philosophy of emotions; philosophy and psychoanalysis) 5. Contemporaneity roots (genealogy of philosophical praxis; critical theory of society and culture; <i>visual studies</i>; philosophy of music; logic and philosophy of science) 6. Research methods in human sciences (epistemology; methods of qualitative protection) 			
Programme languages		research; methods and techniques of quantitative research; research ethics) The programme activities will be held in:		
	Italian and English			
Available places for D.M. 117/2023 (CUP B31I23000850004): N. 4				
For each project listed below there is one place with a scholarship available				
For e	For each research topic candidates can express one or more preferences			
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic		PTSCLAS SpA	Queen Mary University of London,	
Innovative strategies for the labour inclusion of older people in Italy: coping with the rising retirement age in the digital context		18 months	School of Business and Management UK	
CODE: SCUM01				
Contact person: Prof. Rid Sartori	ccardo			
Research topic		GPI SpA	Queen Mary University of London,	
Developing an Advanced and Intelligent Ontology to Improve Patient Engagement with Neurodegenerative Diseases: Strategies and Outcomes under the PNRR		18 months	School of Business and Management UK	
CODE: SCUM02				

Contact person: Prof. Riccardo Sartori					
Research topic Environmental risks in mountain areas: cue-based technologies for the development of soft skills of emergency health workers Biophilic design as a key factor for sustainable development of built environment CODE: SCUM03 Contact person: Prof.ssa Margherita Pasini	Dolomiti Emergency Onlus 6 months	Aberdeen University, UK			
Research topic <i>Biophilic design as a strategic</i> <i>key to sustainable development</i> <i>of the built environment</i> CODE: SCUM04 Contact person: Prof.ssa Margherita Brondino	DVA -Division Architecture SrL 18 months	Tampere University Finland			
For each project lis	Available places for D.M. 118/2023: N. 9 For each project listed below there is one place with a scholarship available For each research topic candidates can express one or more preferences				
	PNRR PhDs (CUP B31I23000680006)				
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)			
Research topic Analysis of resistance to the adoption of digital eHealth tools by patients with chronic disorders: individual and environmental factors and change management strategies CODE: SCUM05 Contact person: Prof. Anna Maria Meneghini	GPI SpA 12 months	Queen Mary University of London, School of Business and Management UK			
PA PhDs (CUP B31I23000730006)					
TITLE AND CONTENT	RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)			
Research topic <i>Psycho-social research to</i> <i>support the development of</i> <i>telemedicine in mountain area</i> <i>municipalities</i> <i>CODE: SCUM06</i> Contact person: Dr. Maria Gabriella Landuzzi	Comune di Val di Zoldo (BL) and Comune di Selva di Cadore (BL) 6 months	IDOCAL Facultat de Psicologia Universitat de València Spain			

Research topic	PTSCLASS S.P.A. Milano	Queen Mary University of London,
Active labour policies and employability: an empirical evidence-based study for public policy reform CODE: SCUM07	12 months	School of Business and Management UK
Contact person: Dr. Michele Scandola		
Research topic Enhancement of State property resources in the area. Starting from an experiment on Poveglia island, a bottom-up path for the definition of tools for involving the population and the evaluation of their impact CODE: SCUM08 Contact person: Prof. Margherita Brondino	Agenzia del Demanio, Roma sede direzione territoriale Veneto: via borgo pezzana n. 1 Venezia 6 months	Department of City and Regional Planning in the School of Architecture at The Ohio State University USA
Research topic AMUSED - A MUSic program for children in the EDucational services in an integrated 0-6 years perspective CODE: SCUM09 Contact persons: Prof. Marinella Majorano Prof. Chiara Sità	Comune di Verona 6 months	Vanderbilt University Medical Center USA
Research topic <i>Evaluation of public policies for</i> <i>innovation, economic</i> <i>development and territorial</i> <i>development</i> CODE: SCUM10 Contact person: Prof. Andrea Ceschi	ENAIP VENETO IMPRESA SOCIALE Padova 6 months	EVTA - European Vocational Training Association AEFP - Association Européenne pour la Formation Professionnelle Brussels Belgium
Research topic Organisational communication strategies: analysis of best practices and development of new systems based on empirical data for universities, companies and local public administrations CODE: SCUM11 Contact person: Prof. Riccardo Sartori	API Brescia 12 months	Queen Mary University of London, School of Business and Management UK
Research topic Emotion regulation training of healthcare personnel involved in extra-hospital emergency- urgency in the mountains	APSS - Azienda Provinciale per i Servizi Sanitari di Trento 6 months	Department of Nutrition, Exercise and Sports, University of Copenhagen Denmark

CODE: SCUM12				
Contact person: Prof.ssa Margherita Pasini				
	Cultu	ral Heritage PhDs (CUP B31I2300077	70006)	
TITLE AND CONTENT		RESEARCH PARTNER AND COMPANY	MOBILITY ABROAD (6 months)	
Research topic		Maxfone Srl, Verona	TOTAL EU – Video News	
Intercultural educational Competences for an enhancement of art and the territory that respects diversity		12 months	Production Agency – Bruxelles e presso la Université Libre de Bruxelles - Belgium	
CODICE: SCUM13				
Contact person: Prof. Ag Portera	ostino			
Evaluation procedure and scores	Conoscenza obbligatoria della lingua inglese per tutti i <i>curricula</i> . Inoltre, per il <i>curriculum</i> di Filosofia la/il candidata/o dovrà dimostrare di conoscere la lingua degli autori di riferimento.			
	N.B. Per i/le candidati/e stranieri/e ammessi/e al Dottorato non è richiesta la conoscenza della lingua italiana in entrata. Il Dottorato offre corsi di lingua italiana alle dottorande e ai dottorandi stranieri; si richiede una conoscenza della lingua italiana, a livello di base, al termine del 2° anno di corso.			
	The evaluation will be composed of two stages:			
	1. Evaluation of qualifications and research project (score: min 36, max 60 points)			
	2. Oral examination (score: min 24, max 40 points)			
	1. Evaluation of qualifications and research project			
	The evaluation of qualifications and research project (see the section "Documents to be submitted" for a detailed description) is preliminary to the oral examination. To gain access to the oral examination, candidates must have attained a minimum score of 36/60 points. The results will be published on the <u>PhD Programme web page</u> .			
	2. Oral examination (only for candidates who have passed the evaluation of qualifications and research project)			
	Language for the oral examination: English or Italian. The evaluation will be based on:			
	 the knowledge of the topic (research literature) and scientific field presented in the research project; the topic must be consistent with the research areas of the <u>PhD Programme in Human Sciences</u> 			
	the knowledge of the requested foreign language (see below)			
	• the motivation to undertake a PhD programme.			
	To pass the oral examination candidates must have attained a minimum score of 24/40 points.			
	The score obtained by candidates in Stage 1 will be added to the score of the oral examination (Stage 2) in order to draw up the final merit ranking.			
	Foreign language requested:			
	The knowledge of the English language is mandatory to get admitted.			
	Applicants who do not speak Italian are not requested to demonstrate a knowledge of the Italian language in order to be admitted to the PhD programme. The PhD Programme offers Italian language courses to students; a basic knowledge of the Italian language is requested by the end of the II year of attendance.			

	Date: 24th July 2023		
	Time: 9.00		
	The link will be provided with the publication of the list of those admitted to the oral exam at the PhD Programme webpage		
Documents to be submitted and relative scores	 Certificate with final graduation mark and list of marks obtained during the academic career, or list of marks obtained during the academic career in case of final graduation after the Call deadline: max. score 6 points Curriculum vitae et studiorum (including research experiences and any publications and certification of the level of the English knowledge) max. score: 8 points Candidate's letter of motivation including a brief report explaining the candidate's scientific interests (max. 5,000 characters, spaces included) max. score: 4 points No. 2 reference letters released by professors of the University that conferred the academic title or from other Universities: max. score: 2 points (submitting reference letters is not mandatory) Original Research Project, written in English or Italian, of maximum five 2,000-character pages including spaces, other than the bibliography, in a research area of interest for the candidate and consistent with the research areas of the PhD Programme in Human Sciences: max. score: 40 points Score for the evaluation of qualifications and research project: min(to pass this stage) 36, max 60 points. 		
	Please note: Research projects exceeding the maximum number of characters requested won't be considered for evaluation. Research projects that do not clearly address the scholarships' topics won't be considered for evaluation.		
Contacts	For general information, contact the coordinator: <u>chiara.sita@univr.it</u> For information on a scholarship of interest, contact the professor of reference for the specific scholarship		