ART. 1 – CALL FOR APPLICATIONS
1.1 The University of Verona is now accepting applications from the public for admission to its PhD programmes for the XXXV cycle, academic year 2019-2020.

1.2 The details of each PhD programme, including the number of places and scholarships available, the criteria for the evaluation of qualifications (if provided), the dates of any admission exam sessions and the possibility of taking the exams in a foreign language can be found in Attachment 1, “List of Contents and Detailed Tables”, published on the Official University Register (Albo Ufficiale di Ateneo) and on the following websites: Dottorati di Ricerca, Ministry of Education, Universities and Research (MIUR), Euraxess and Gazzetta Ufficiale (Official Gazette).

1.3 Any additions, modifications or updates of the content of this Call for Applications will be published exclusively on the Dottorati di Ricerca website.

1.4 The research lines of the “scholarships associated to a specific research project” reported in Attachment 1, “List of Contents and Detailed Tables”, are under evaluation by Fondazione Cariverona. In the event that all or part of these projects is not financed by Fondazione Cariverona, these positions will be funded by the University of Verona and the Entrance Examination Panel refers the right to modify the project within the same topic.

1.5 The activation of each PhD programme is conditional to the accreditation process of Decree no. 45 of 8/2/13 of the Ministry of Education, Universities and Research. In the event that a PhD programme is not accredited, the relevant entrance examinations will not be held, and applicants will be promptly informed.

This Call for Applications constitutes a notification to all intents and purposes. Applicants will not individually receive any written communication, except as stated in 1.5.

ART. 2 – IMPLEMENTATION OF PhD PROGRAMMES
2.1 The 35th cycle of PhD programmes officially begins on 1st October 2019. PhD programmes last three years, except for the Joint PhD programme in Arts and Archaeology and the PhD Programme in Economics and Management whose duration is four years, and end with the defence of the doctoral thesis, which must take place by the month of May of the solar year after the conclusion of the PhD programme.

The PhD degree is conferred by the Rector upon the suggestion of the Examination Panel, after the candidate has successfully completed the doctoral programme and passed the final
examination (PhD defence).

2.2 In order to be awarded the degree certificate, PhD candidates must have submitted their completed doctoral thesis to the Verona University Open Archive (IRIS), where it shall be kept available for consultation by the public. 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 To be admitted to a PhD programme, all applicants (regardless of age or nationality) must hold a Laurea Specialistica/Magistrale or a Laurea (of the old system before Reform no. 509/1999) issued by an Italian University, or an equivalent-level foreign degree. This means candidates with a foreign Master’s degree (e.g. MSc or MA) that would grant them access to PhD programmes in the country where the degree was conferred are entitled to apply.

3.2 Candidates who will complete their Master’s degree by 31st October 2019 are also entitled to apply. Their application will be considered “subject to confirmation” and they will be required to submit their degree certificate or a self-certification to the PhD Office (Area Ricerca – U.O. Dottorati di Ricerca) by 31st October 2019 (in accordance with Presidential Decree no. 445 of 28/12/00 for EU citizens). Any applications which lack this document will not be considered.

3.3 Candidates who are already enrolled in a PhD programme at the University of Verona may, if they pass the relevant entrance exams and are successfully graded in the merit ranking, change to a different PhD programme. Students who change PhDs must renounce their previous PhD programme and begin again from the first year of the new programme only if the programme offers a place without a scholarship.

3.4 Applicants who already hold a PhD will not be admitted to any programme with similar research topics to that of their PhD. Candidates who have already benefited from a PhD scholarship, regardless of the place and year, are not eligible for another scholarship.

All candidates may submit their application for the present Call, subject to confirmation. If any of the aforementioned prerequisites are not satisfied, the university reserves the right to exclude applicants from the selection procedure for justified reasons at any time, even after the examination sessions have taken place.

ART. 4 – APPLICATIONS

4.1 Applications must be submitted electronically from 13th May 2019 until 12.00 pm (midday) of 21st June 2019 (Italian local time) using exclusively the application form available at www.univr.it/applicationphd

Procedure:
1. Connect to www.univr.it/applicationphd
2. Register by entering the information required
3. Select the PhD programme you wish to apply for
4. Fill in all the required details using the online application form

Further instructions for submitting the online application can be found in the specific guidelines available on the PhD programmes webpage.

4.2 After completing the online procedure, applicants should print a hard copy of their filled in application form, sign it and send it by email together with the documentation listed in Attachment 1 by the deadline of 21st June 2019, 1 pm (Italian local time). All documents must be submitted in pdf/A format.

All application documentation must be submitted EXCLUSIVELY to the email address phd.selection@ateneo.univr.it from the candidate’s personal e-mail address with the
following subject: “Application for the PhD programme in …………………………….., Candidate’s name and surname”.

Any other modality of candidacy submitting will not be considered.

Each e-mail must not exceed 20 MB, attachments included. Emails that are over the size limit will not be delivered. The system sends an automatic error message of error which may be received by the sender up to several days after sending the email; therefore it is each applicant’s responsibility to check for this type of message, which may be identified as spam by the system.

In case of necessity due to large files, candidates may split their application documents into more than one email. In this case, the subject should be the same and each e-mail should be numbered as follows:

Subject: Application for the PhD Programme in Economics (Candidate XY) – 1 of 2
Subject: Application for the PhD Programme in Economics (Candidate XY) – 2 of 2
etc.

For technical issues, please send an email to: phd.support@ateneo.univr.it
For further information or questions about this Call for Applications, please send an email to: dottorati.ricerca@ateneo.univr.it

4.3 It is highly recommended that candidates do not to wait until the last minute to submit their application. 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 malfunctions 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 address, nor for any possible misunderstandings or problems caused by third parties, fortuitous cases or force majeure. Incomplete applications that are missing information and/or compulsory attachments shall not be considered. Additional material submitted after the deadline will not be accepted, with the exception of the documents expressly required by the PhD Office.

4.4 Candidates may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme of interest and send it together with the specific documentation listed in Attachment 1. Each application must be accompanied by the specific documents required by the relevant programme.

4.5 All documentation must be in Italian, English, French or Spanish, or translated into one of the aforementioned languages as the candidate’s responsibility.

4.6 Shortly after the application deadline and before the selections are made, a list of all the applications received will be published on Dottorati di Ricerca website and on the web page of each PhD programme. Applicants are kindly invited to check the information posted and, if there are any errors, inform the PhD Office as soon as possible by email only: dottorati.ricerca@ateneo.univr.it.

ART. 5 – INSTRUCTIONS FOR APPLICANTS WITH FOREIGN DEGREES

5.1 Applicants with a foreign degree must attach the following documentation in pdf format to their application form to show that their degree is equivalent to the Italian Laurea Magistrale/Specialistica, that it grants access to PhD programmes in the country where it was conferred and in order to permit the relevant Office to verify the suitability and veracity of their qualification as well as the coherence of their educational pathway:
- 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);
- Graduation thesis or abstract;
- Letters of introduction/recommendation written by professors or academic specialists from the university that awarded the degree (in Italian or English);
- Diploma Supplement (if available);
- Curriculum Vitae;
- Any other documents in addition to those specified in Attachment 1 that may certify or help the university to evaluate the candidate’s academic qualifications.

The official documents listed above, to be attached to the application, may be in Italian, English, French or Spanish. If they are written in a different language, candidates must attach a legal translation in either Italian or English.

5.2 If the applicant’s academic qualification has already been officially recognised as equivalent to an Italian degree, the candidate must specify the Italian university and the Rector’s Decree number that declared the degree to be equivalent. For qualifications awarded abroad that have not been officially recognised, a standard procedure to verify the degrees will begin, with the sole purpose of fulfilling the application for the PhD programme and on the basis of the documentation listed in paragraph 5.1.

5.3 In addition to the above listed documents, applicants may be requested to submit further documentation that certifies their degrees.

5.4 Applicants with university degrees granted by foreign Universities will be admitted to the selection “subject to confirmation”. The suitability of their degree will be verified after the selections and the procedure will take in consideration only applicants listed in the rankings of merit. In the event that, after verification, the foreign degree submitted by a applicant does not result equivalent to the Italian Laurea Magistrale/Specialistica, the applicant will not be entitled to enrol in the PhD programme and his/her position will be offered to the next applicant on the ranking list.

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

6.1 The entrance examination consists of a selection procedure intended to ascertain candidates’ knowledge and aptitude for academic research.

6.2 Details on the selection procedure and the criteria for evaluating applicants can be found in Attachment 1 – “List of Contents and Detailed Tables”, which constitutes an essential part of this Call for Applications.

6.3 Candidates with disabilities or specific learning difficulties (SpLDs) should note their specific disability in the relevant section of the online application form in order to request any special assistance and, if required, extra time for the examinations, as stated in Italian Law no. 104/1992 and additions.

“Candidates with disabilities” refers to blind candidates (total blindness or a remaining vision of no more than 1/10 in both eyes); deaf candidates (born with impaired hearing or whose hearing loss occurred before they began to speak); candidates with a legal disability of 66% or higher; and candidates with a certificate of disability issued in accordance with Law no. 104/92. The aforementioned disabilities must be certified by the relevant health authority.

“Candidates with specific learning difficulties (SpLDs)” refers to candidates with diagnosed dyslexia, dysgraphia, dyscalculia, dysorthographia. These must be supported by a specific clinical statement issued within the last three years by the Italian National Health Services or
a registered medical practitioner. Candidates with certified dyslexia will be given 30% extra time for the entrance examination in accordance with Law no. 170/2010. All medical certificates must be submitted to the University Student Disabilities Centre (U.O. Inclusione e Accessibilità), Polo Zanotto, Via S. Francesco 22, Verona, phone: 0039 045 8028786, opening times: Monday to Friday 10.00 am to 1.00 pm, e-mail: renata.castellani@univr.it, before the Call for Applications deadline.

In the case of documentation received after the deadline, the university cannot guarantee the provision of necessary aid.

6.4 To participate in the written and/or oral examination, applicants must appear before the Entrance Examination Panel according to the instructions in Attachment 1 – “List of Contents and Detailed Tables”, at the place and date specified. Candidates must present the original of the same valid ID (passport, identity card or driver’s license) submitted with their application form. They are not required to attend the evaluation of qualifications meetings.

6.5 A score of at least 40/60 in written/oral test is required to pass the entrance exam. The evaluation of qualifications will be based on the documents submitted by the candidates along with their application form following the criteria stated in Attachment 1 – “List of Contents and Detailed Tables”, and the score will be added to the overall mark of the written and/or oral examination. If the qualifications score has not been specified in Attachment 1 the Entrance Examination Panel will decide the maximum score for each qualification required.

6.6 If expressly specified in Attachment 1 of this Call for Applications, foreign and/or Italian candidates may ask to take the oral examination by videoconference (via webcam) by ticking the appropriate option in the online application form. In this case, candidates must specify their preferred platform (Skype, Adobe Connect, etc.) and ID name where they can be contacted for the oral examination and must guarantee the use of a webcam so that they can be identified the Entrance Examination Panel. Please refer to the relevant PhD programme details reported in Attachment 1 to confirm if oral examinations by videoconference are permitted or not.

6.7 No information and/or communication about the results of the entrance examinations will be provided to applicants specifically. The official merit rankings, approved by Rector’s Decree, will be published and displayed on the Official University Register (Albo Ufficiale dell’Ateneo), on Dottorati di Ricerca webpage, and on each PhD programme webpage. Candidates may appeal starting from the publication of the selection results. The selection results are available to be viewed by the public, in accordance with Law no. 241/1990 and subsequent additions and modifications.

ART. 7 – ENTRANCE EXAMINATION PANEL
7.1 The Examination Panels for entrance examinations shall be comprised of three members of the Teaching Committee put forward by the Committee and officialised by the Rector. The Examination Panel may, without going through University Central Administration, be complemented by up to two experts, who may be foreign, selected from companies or public or private research entities. The nomination of such experts is compulsory if an agreement has already been established. The Examination Panel shall elect its own Chair and Secretary. The Rector’s Decrees stating the members of the Entrance Examination Panels will be published on each PhD programme webpage, by 27th May 2019.

ART. 8 – ADMISSION TO THE PhD PROGRAMMES
8.1 After the process of evaluating applicants’ qualifications and exam results, if two or more candidates have the same score, admission to the PhD programme will be granted in accordance with Art. 5, paragraph 4 of Presidential Decree no. 487/1994 and subsequent modifications.

8.2 Successful candidates are admitted to the PhD programmes in order of merit ranking until all
the available places on the programme have been filled. If a candidate who has been admitted renounces his/her place within the first three months of the programme, the next applicant on the ranking list shall be admitted. Should a candidate be successful on more than one merit ranking, he/she must select only one PhD programme to enrol in.

8.3 Successful candidates who are admitted to a PhD programme must submit an enrolment form online (available at www.univr.it/enrolmentphd) within 15 days after the publication of the final merit rankings in order to register for their PhD programme.

8.4 Should a candidate fail to complete the online enrolment within the period stated for their relevant PhD programme, the University will consider him/her as having given up his/her place (with or without scholarship) on the programme, and this place will be reassigned to the next candidate on the merit ranking. The latter candidate will be informed by email and must enrol by following the procedure described in paragraph 8.3 and submitting the required documents within five days of the notification.

8.5 Candidates who submit false information or statements will automatically lose their place and sanctions will be imposed according to the Penal Code and other relevant laws (Art.s 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 – PhD PROGRAMMES AND MEDICAL POSTGRADUATE SPECIALISATIONS

9.1 Students enrolled in the final year of a Postgraduate Specialisation run by the University of Verona are permitted to participate in PhD entrance examinations. Joint attendance is allowed only if the winners result enrolled in the final year of the Postgraduate Specialisation in the Academic Year 2018-2029 (period of reference 1.11.2019 – 31.10.2020).

9.2 When enrolling, the aforementioned students must provide, by the end of October, the following documentation:
  - “Nulla Osta” signed by the Director of their Postgraduate Specialisation programme, attesting that attending the two programmes is compatible and authorised by the Committee of the Postgraduate Specialisation.
  - A signed declaration written by the student attesting his/her commitment to carry out research activities as instructed by the PhD Teaching Committee.

9.3 Due to incompatibility between the remuneration for the Postgraduate Specialisation and the PhD scholarship, during the period of joint attendance, the student will not receive the latter. The scholarship instalments not paid to the student will be used by the University Administration to fund new PhD scholarships.

9.4 The procedure reported above is valid and effective until the eventual modification of Art. 7 of Ministerial Decree no. 45 of 8/2/13 (Relationship between PhD programmes and Medical Postgraduate Specialisation programmes).

ART. 10 – RIGHTS, OBLIGATIONS AND INCOMPATIBILITIES FOR PhD STUDENTS

10.1 It is not possible to be simultaneously enrolled in more than one study programme that leads to the awarding of a degree (e.g. Bachelor, Masters or Postgraduate Specialisation (except in the medical sector, pursuant to Article 9), short Masters level I or II, or PhD). In case of enrolment in one of the above mentioned programmes, the winner will be required to suspend or, if it is not possible, interrupt the attendance of the aforementioned course before the beginning of the PhD programme; otherwise he/she will be excluded from the PhD programme. Double enrolment is not possible until the end of the PhD programme.

10.2 PhD students must spend at least 3 months (and up to a maximum of 50% of the PhD programme) abroad for study and/or internship at private or public foreign entities (art. 12
ART. 11 – SCHOLARSHIPS

11.1 Scholarships are awarded according to an evaluation of comparative merit, in order of the respective merit ranking.

The amount granted for each scholarship is €15,343.28 gross per year. This may be increased in situations stipulated by law. Scholarships are exempt from IRE (personal income tax).

Scholarships are awarded for the entire duration of the PhD programme (three years – 36 months, four years – 48 months) and instalments are paid monthly. The first instalment of October 2019 will be paid at the end of the same month ONLY IF the student has submitted all the documentation required and is correctly enrolled in their PhD programme by 25th September 2019. Otherwise, a two-month instalment will be paid to them at the end of November.

The scholarship will be increased by 50% during authorized 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.

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 attested by the Teaching Committee.

From the second 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, equal to €1,534.32 per year, in order to support his/her research activity in Italy and abroad.

11.2 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.

11.3 PhD students who are not awarded a PhD scholarship but who fulfil the income requirements foreseen by the laws in force may apply for a regional scholarship in accordance with the Call for Applications for Regional Scholarships 2019/2020 ("Bando di concorso per l’assegnazione delle borse di studio regionali A.A. 2019/2020") available on the following webpage “Borse per il diritto allo studio – Laureati”.

ART. 12 – STUDY FEES AND CONTRIBUTIONS PAYABLE

12.1 Students enrolled in the 2019-2020 academic year must pay fees and contributions according to the following:

**Students with a scholarship** must make a single payment of **€437.00**, which comprises €250.00 for tuition fees, about €171.00 for regional study tax contributions, and €16.00 for stamp duty using the virtual stamping system.

**Students without a scholarship** must make a single payment of **€187.00**, which comprises €171.00 for regional study tax contributions and €16.00 for stamp duty using the virtual stamping system.

Any changes to the aforementioned amounts will be announced with subsequent communications.

12.2 Students who are not awarded a scholarship but who meet certain income requirements may request a reduction in tuition fees by following the instructions published in the Rector’s Decree at: “Tasse e contributi universitari – Laureati”
Students meeting the following requisites are exempt from paying tuition fees:

a) Students with a legal disability of at least 66% certified by the relevant health authority pursuant to Law no. 104/92;

b) Students receiving an Italian Government scholarship (for foreign students, the current application process is available on the Ministry of Foreign Affairs website: www.esteri.it;

c) Recipients of a regional scholarship.

d) Students without a scholarship.

ART. 13 – IPR
13.1 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.

13.2 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.

13.3 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. 14 – FINAL REGULATIONS
14.1 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: https://www.univr.it/en/privacy

14.2 All matters not specified in this Call for Applications shall be governed by the “Regulations for PhD Studies” available on Dottorati di Ricerca webpage (“Regolamento per gli studi di Dottorato di Ricerca”) and relevant national laws.

14.3 Further information can be requested directly from the PhD Office:
Area Ricerca – U.O. Dottorati di Ricerca
Via San Francesco 22
Public opening hours: Monday, Wednesday and Friday 10.00 am–1.00 p.m.
Phone: 0039 045 8028078/ 8092/ 8608
Email: dottorati.ricerca@ateneo.univr.it
or found on the Dottorati di Ricerca webpage:
https://www.univr.it/en/our-services/services-for-graduates/-/servizi/phd-programmes/admission-to-phd-programmes

The official, legal Call for Applications is the Italian document available on Dottorati di Ricerca webpage: https://www.univr.it/en/our-services/services-for-graduates/-/servizi/phd-programmes/admission-to-phd-programmes

This translation provides a summary in English for informational purposes only.
In the case of any inconsistencies, the valid version is the official Call for Applications in Italian.
GRADUATE SCHOOL FOR HEALTH AND LIFE SCIENCES

Ph.D. programme in Inflammation, Immunity and Cancer
Coordinator: Professor Gabriela Constantin

<table>
<thead>
<tr>
<th>Programme duration</th>
<th>3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023</th>
</tr>
</thead>
</table>
| 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, learning outcomes and languages | Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the University web site  
http://www.dm.univr.it/?ent=cs&id=627&tcs=DR&lang=en (Research Objectives)  
http://www.dm.univr.it/?ent=iscrizione&cs=627&lang=en (Research Lines)  
The program activities will be totally held in English |
| Places available | Scholarships funded by Univr n. 4  
Scholarships associated to a specific research project n. 2  
Scholarships funded by Banco BPM n. 1  
Without scholarship n. 2  
Total places n. 9 |
| Admission procedure | Italian candidates  
• Evaluation of qualifications*  
• Oral examination  
Language for the oral examination: Italian  
Italian candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.  
• English language skills are required  
Foreign candidates  
• Evaluation of qualifications*  
• Oral examination  
Language for the oral examination: English  
Foreign candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.  
• English language skills are required |
| Oral Examination | Place: Università di Verona, Dipartimento di Medicina, Istituti Biologici, Sezione di Patologia Generale, Lotto A, Strada le Grazie 8, Verona  
Date: 23 July 2019  
Time: 9.00 am |
| 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 possible, on the PhD Program web page.

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

<table>
<thead>
<tr>
<th>Documents to be submitted</th>
<th>Relative scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline;</td>
<td>max. score: 20 (Italian candidates), 10 (foreign candidates) points</td>
</tr>
<tr>
<td>Graduation thesis;</td>
<td>max. score: 20 (Italian candidates), 10 (foreign candidates) points</td>
</tr>
<tr>
<td>Curriculum Vitae et studiorum</td>
<td>max. score: 5 (Italian candidates), 10 (foreign candidates) points</td>
</tr>
<tr>
<td>Scientific publications;</td>
<td>max. score: 5 points (Italian and foreign candidates)</td>
</tr>
<tr>
<td>Other qualifications that could be considered relevant;</td>
<td>max. score: 2 (Italian candidates), 5 (foreign candidates) points</td>
</tr>
<tr>
<td>Post-graduate program and/or Master;</td>
<td>max. score: 3 (Italian candidates), 5 (foreign candidates) points</td>
</tr>
<tr>
<td>Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (only for foreign candidates);</td>
<td>max. score: 5 points</td>
</tr>
<tr>
<td>Research experience at universities or research centres;</td>
<td>max. score: 2 (Italian candidates), 5 (foreign candidates) points</td>
</tr>
<tr>
<td>Prizes and grants;</td>
<td>max. score: 3 (Italian candidates), 5 (foreign candidates) points</td>
</tr>
</tbody>
</table>

**Max. total score: 60 points**

### Examination topics

- Cellular biology and pathology
- General pathology
- Immunology
- Molecular oncology

### Ph.D. programme in Biomolecular Medicine

**Coordinator: Professor Lucia De Franceschi**

### Programme duration

- 3 years: 1st October 2019 – 30th September 2022;
- Thesis Defence: by May 2023

### 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

The PhD programme is divided into two curricula:

1. Biochemistry
2. Clinical Genomics and Proteomics

On the Application Form candidates will have the possibility to indicate their preference for one or more curricula.

Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the PhD Programme web site [http://www.dm.univr.it/?ent=cs&id=626&tcs=DR&lang=en](http://www.dm.univr.it/?ent=cs&id=626&tcs=DR&lang=en)

The program activities will be totally held in English.

### Places available

- Scholarships funded by Univr
- n. 6
**Scholarships associated to a specific research project**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Score</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Scholarship reserved to the realization of the following research project:</td>
<td>n. 1</td>
</tr>
<tr>
<td></td>
<td><strong>Epigenetic profiles and gene-nutrient interactions in human cell culture models of hepatocellular carcinoma</strong> (Prof. Simonetta Friso)</td>
<td></td>
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<tr>
<td></td>
<td><strong>N.B.</strong> The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Without scholarship</th>
<th>n. 1</th>
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<tbody>
<tr>
<td><strong>Total places</strong></td>
<td>n. 8</td>
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</tbody>
</table>

**Admission procedure**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
</table>
| Italian candidates | *Evaluation of qualifications*  
Oral examination  
Language for the oral examination: Italian  
Foreign candidates | *Evaluation of qualifications*  
Oral examination  
Language for the oral examination: English  
Foreign candidates | *Evaluation of qualifications*  
Oral examination  
Language for the oral examination: English  
Foreign candidates |
| Italian candidates residing abroad | Possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.  
Italian candidates | Possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.  
Foreign candidates | Possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.  
Foreign candidates |
| English language skills are required | English language skills are required  
English language skills are required  
English language skills are required |

**Oral Examination**

| Place | Università di Verona, Policlinico G.B. Rossi, Aula G. De Sandre, Blocco B, P.le L.A. Scuro 10, Verona |
| Date  | 5 July 2019 |
| Time  | 12.15 pm |

**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 PhD Program web page.*

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**

<table>
<thead>
<tr>
<th>Description</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline</td>
<td>max. score: 30 points</td>
</tr>
<tr>
<td>Curriculum Vitae et studiorum</td>
<td>max. score: 15 points</td>
</tr>
<tr>
<td>Candidate’s letter of motivation</td>
<td>max. score: 0 points</td>
</tr>
<tr>
<td>Scientific publications</td>
<td>max. score 5 points</td>
</tr>
<tr>
<td>Other qualifications that could be considered relevant</td>
<td>max. score: 2 points</td>
</tr>
<tr>
<td>Post-graduate program and/or Master</td>
<td>max. score: 3 points</td>
</tr>
<tr>
<td>Nr. 1-2 reference letters released by professors of the university that conferred the academic title/titles (for both Italian and foreign candidates)</td>
<td>max. score: 0 points</td>
</tr>
<tr>
<td>Research experience at universities or research centres</td>
<td>max. score: 5 points</td>
</tr>
<tr>
<td><strong>Max. total score:</strong> 60 points</td>
<td></td>
</tr>
</tbody>
</table>

**Examination topics**

- Proteomics and genomics applied to pathologies; Biochemistry

**Ph.D. programme in Neuroscience, Psychological and Psychiatric Sciences, and Movement Sciences**

**Coordinator:** Professor Gianluigi Zanusso
### Programme duration

3 years: 1st October 2019 – 30th September 2022; 
Thesis Defence: by May 2023

### 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, research lines and languages

Candidates can find further information about the programme objectives, its learning outcomes, as well as the lines of research which are available for the new doctoral students, at the following link:

- [http://www.dnbm.univr.it/?ent=iscrizione&cs=820&lang=en](http://www.dnbm.univr.it/?ent=iscrizione&cs=820&lang=en) (lines of research)

In their motivation letter, candidates shall indicate one or more lines of research of their interest, in order of preference, among those available at the above-mentioned link.

Analogously, candidates who are interested in applying for one of the additional, dedicated positions associated with a specific project (with or without a scholarship) shall indicate such interest in their motivation letter.

The program activities will be held in Italian and partly in English

### Positions available

<table>
<thead>
<tr>
<th>Scholarships funded by UNIVR</th>
<th>n. 8</th>
</tr>
</thead>
</table>
| Scholarship reserved to the realization of the following research project:  
**Role of corticospinal and optic demyelinating lesions in the development of progressive motor deficits in patients with multiple sclerosis** (person of reference: Prof. Salvatore Monaco)  
N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing. |
| Scholarships associated to a specific research project | n. 1 |
| Scholarship reserved for the realization of the following research project:  
**Benzodiazepine: high doses and traumatic problems** |
| “Dipartimento di Eccellenza” scholarships | n. 3 |
| Scholarship founded by CLAD ONLUS | n. 1 |
| Place reserved to the realization of the following research project:  
**Neuropsychological, chemosensory, neuroimaging and neurophysiological markers of cognitive decline in Parkinson's disease**  
Place reserved to the realization of the following research project:  
**Immunoneuropathology of intratechal** |
**Attachment 1 – List of Contents and Detailed Tables**

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>inflammation in multiple sclerosis: clinical and neuroradiological correlations</td>
<td>Place reserved to the realization of the following research project: Development of hybrid enhanced regenerative medicine systems for the cure of brain pathologies</td>
</tr>
<tr>
<td>Place reserved to the realization of the following research project: Work placement of subjects with mental disorder - evaluation of the results of an innovative rehabilitation model</td>
<td></td>
</tr>
</tbody>
</table>

**N.B.:** For all positions available (positions with scholarship funded by Univr not associated with a specific research project, positions with or without a scholarship associated with a specific research project) candidates are allowed to indicate multiple preferences.

| Total places | n. 17 |

**Admission procedure**

<table>
<thead>
<tr>
<th>Italian and foreign candidates</th>
<th>Evaluation of qualifications*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Written examination</td>
</tr>
<tr>
<td></td>
<td>Oral examination</td>
</tr>
</tbody>
</table>

Language for the written examination: Italian or English
Language for the oral examination: Italian or English

Candidates residing abroad on the dates of the exams: possibility to take the oral examination in videoconference upon request by the candidate. In such case a Skype address is required and it has to be indicated on the Application Form (please note that in this case, the videoconference replaces both the written and oral examinations)

- English language skills are required

**Written Examination**

Place: to be defined
Date: to be defined
Time: to be defined

**Oral Examination**

Place: to be defined
Date: to be defined
Time: to be defined

**Evaluation criteria**

*The evaluation of qualifications is preliminary to the admission tests. To gain access to the written/oral examination, candidates must have attained a minimum score of 12 points. The results will be published as soon as possible on the PhD program web page.*

A pass in the written exam will be awarded only if the score is at least 40/60.

A pass in the oral exam will be awarded only if the score is at least 40/60 is given.

The oral examination in videoconference of Italian and foreign candidates residing abroad on the days of the admission tests will be divided in two parts: a scientific interview and a motivational interview, and it will be evaluated on a scale of 120/120 and a pass will be awarded only if a score of at least 80/120 is attained.

The score obtained by candidates based on the evaluation of their qualifications will be added to the score of the written/oral examinations.

On the basis of the final score, separate rankings will be made for the positions with scholarship from the University of Verona and, respectively, for each position (with or without scholarship) associated with a specific research project.
**Attachment 1 – List of Contents and Detailed Tables**

<table>
<thead>
<tr>
<th>Documents to be submitted and relative scores</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• 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)</td>
<td></td>
</tr>
<tr>
<td>• Graduation thesis (in pdf format) (max. score: 5 points)</td>
<td></td>
</tr>
<tr>
<td>• Curriculum Vitae et Studiorum (max. score: 5 points)</td>
<td></td>
</tr>
<tr>
<td>• Candidate’s letter of motivation with the indication, if possible, of one or more lines of research of their interest, among those available (max. score: 5 points)</td>
<td></td>
</tr>
<tr>
<td>• Scientific publications (max. score: 5 points)</td>
<td></td>
</tr>
<tr>
<td>• Other qualifications that could be considered relevant (max. score: 5 points)</td>
<td></td>
</tr>
<tr>
<td><strong>Max. total score: 30 points</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Examination topics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• The Neurosciences, and neurological and psychiatric pathologies</td>
<td></td>
</tr>
<tr>
<td>• Psychological and psychiatric sciences</td>
<td></td>
</tr>
<tr>
<td>• Movement sciences</td>
<td></td>
</tr>
</tbody>
</table>

**Ph.D. programme in Applied Life and Health Sciences**
Coordinator: Professor Giovanni Malerba

<table>
<thead>
<tr>
<th>Programme duration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Admission requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);</td>
<td></td>
</tr>
<tr>
<td>• or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99);</td>
<td></td>
</tr>
<tr>
<td>• or equivalent foreign degree</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Curricula, programme objectives and learning outcomes, languages</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The PhD Programme is divided into three curricula:</td>
<td></td>
</tr>
<tr>
<td>1. Genomics</td>
<td></td>
</tr>
<tr>
<td>2. Epidemiology- Biostatistics</td>
<td></td>
</tr>
<tr>
<td>3. Microbiology – Infectious diseases</td>
<td></td>
</tr>
<tr>
<td>On the Application Form candidates will have to indicate their preference for one or more curricula. Candidates can find further information about the programme objectives, its learning outcomes, as well as the lines of research which are available for the new doctoral students, at the following link: <a href="http://www.dnbm.univr.it/?ent=cs&amp;id=634&amp;lang=en">http://www.dnbm.univr.it/?ent=cs&amp;id=634&amp;lang=en</a></td>
<td></td>
</tr>
<tr>
<td>The program activities will be partially held in English</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships funded by Univr</th>
<th>n. 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Scholarship reserved for the realization of the following research project:</td>
<td></td>
</tr>
<tr>
<td><strong>Rete Universitaria per il miglioramento delle prescrizioni antibiotiche sul territorio</strong> (person of reference: Prof.ssa Evelina Tacconelli)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships associated to a specific research project</th>
<th>n. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Scholarship reserved for the realization of the following research project:</td>
<td></td>
</tr>
<tr>
<td><strong>Predictive and protective factors of the biological processes alteration in aging and neurodegenerative diseases</strong> (person of reference: Prof. Maria Grazia Romanelli)</td>
<td></td>
</tr>
<tr>
<td><strong>N.B</strong> The Entrance Commission reserves the right to modify the projects within the same subject, in case of non-external financing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships funded by the</th>
<th>n. 1</th>
</tr>
</thead>
</table>

6
“Dipartimento di eccellenza” project

Places without a scholarship  n. 2
Total places  n. 9

Admission procedure

Italian candidates
- Evaluation of qualifications
- Oral examination
Language for the oral examination: Italian
Italian candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form
- English language skills are required

Foreign candidates
- Evaluation of qualifications
- Oral examination
Language for the oral examination: English
Foreign candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form
- English language skills are required

Oral Examination
Place: Università di Verona, Policlinico G.B. Rossi, Sezione di Biologia e Genetica, Blocco B, 1st Floor, Istituti Biologici, Strada Le Grazie n. 8, Verona
Date: 11 July 2019
Time: 9 a.m.

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 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 program 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
Applied biology, human and medical genetics, statistics in epidemiology, clinical biochemistry, microbiology, infectious diseases.

Ph.D. programme in Clinical and Experimental Biomedical Sciences
Coordinator: Professor Giovanni Targher

Programme duration
3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023

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
Candidates can find further information about the programme objectives, its learning outcomes, as well as the lines of research which are available for the new doctoral students, at the following link:
### Attachment 1 – List of Contents and Detailed Tables

**Outcomes, Languages**

  - The program activities will be held in Italian and partially in English

<table>
<thead>
<tr>
<th>Places available</th>
<th>Scholarships funded by Univr</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships associated to a specific research project</td>
<td>Scholarship reserved for the realization of the following research project: Bone marrow stroma-dependent WNTCH signaling as therapeutic target in acute leukemia (person of reference: Prof. Mauro Krampera)</td>
<td></td>
</tr>
<tr>
<td>N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Places without scholarship</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total places</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

**Admission Procedure**

<table>
<thead>
<tr>
<th>Italian and foreign candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of qualifications</td>
</tr>
<tr>
<td>Oral examination</td>
</tr>
<tr>
<td>Language for the oral examination: Italian or English</td>
</tr>
<tr>
<td>Italian and foreign candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In such case, a Skype contact is specifically required and it has to be indicated on the Application Form.</td>
</tr>
<tr>
<td>English language skills are required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Place:</strong> Università degli Studi di Verona, Aula B (Room B), Lente Didattica, Policlinico G.B. Rossi, Piazzale L.A. Scuro 10, Verona</td>
</tr>
<tr>
<td><strong>Date:</strong> 8 July 2019</td>
</tr>
<tr>
<td><strong>Time:</strong> 10.00 am</td>
</tr>
</tbody>
</table>

**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 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: 5 points)
- Candidate’s letter of motivation: (max. score: 2 points)
- Scientific publications: (max. score: 5 points)
- Other qualifications, prizes and grants that could be considered relevant: (max. score: 5 points)
- Post-graduate program and/or Master: (max. score: 5 points)
- Nr. 2 reference letters released by Professors of the University that has conferred the academic title/titles (for both Italian and foreign applicants): (max. score: 3 points)
- Research experience at universities or research centres: (max. score: 5 points)

**Max. total score:** 40 points

**Examination topics**

- Research areas relevant to the biomedical and clinical sciences, with particular emphasis on skills, experiences and attitudes of candidates

**Ph.D. programme in Cardiovascular Sciences**

**Coordinator:** Professor Giovanni Battista Luciani

**Programme duration**

- 3 years: 1st October 2019 – 30th September 2022;
- Thesis Defence: by May 2023
**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. 599/99);
- or equivalent foreign degree

**Curricula, programme objectives and learning outcomes, languages**

The PhD programme is divided into three curricula:
1. Biotechnology and Bioengineering Cardiovascular devices
2. New Technologies and Techniques of Cardiovascular Surgery

On the Application Form candidates will be required to indicate their preference for one or more curricula.

Programme objectives and learning outcomes of the Ph.D. programme can be found at the Verona University web site [http://www.dscomi.univr.it/?ent=cs&id=636&tcs=DR&lang=en](http://www.dscomi.univr.it/?ent=cs&id=636&tcs=DR&lang=en)

The program activities will be totally held in English.

**Places available**

<table>
<thead>
<tr>
<th>Scholarships funded by Univr</th>
<th>n. 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship reserved for the realization of the following research project:</td>
<td></td>
</tr>
<tr>
<td>Role of Micro-RNAs in myocardial injury during experimental cardiac arrest (person of reference: Dr. Alessio Rungatscher)</td>
<td></td>
</tr>
<tr>
<td>N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships associated to a specific research project</th>
<th>n. 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Role of Micro-RNAs in myocardial injury during experimental cardiac arrest (person of reference: Dr. Alessio Rungatscher)</td>
<td></td>
</tr>
<tr>
<td>N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Places without a scholarship</th>
<th>n. 1</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total places</th>
<th>n. 6</th>
</tr>
</thead>
</table>

**Admission procedure**

**Italian and foreign candidates**

- Evaluation of qualifications
- Oral examination

Language for the oral examination: English

Candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.

- English language skills are required

**Oral Examination**

Place: Azienda Ospedaliera Universitaria Integrata di Verona, Ospedale Civile Maggiore, Divisione di Cardiochirurgia, Auletta Cardiochirurgia, 1°Floor, Padiglione 2, Ospedale Civile Maggiore, Piazzale Stefani 1, Verona

Date: 26 June 2019

Time: 9:00 a.m.

**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 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: 5 points)
- Candidate’s letter of motivation (max. score: 2 points)
- Scientific publications (max. score 5 points)
### Attachment 1 – List of Contents and Detailed Tables

<table>
<thead>
<tr>
<th>Examination topics</th>
<th>Other qualifications that could be considered relevant (max. score: 5 points)</th>
<th>Post-graduate program and/or Master (max. score: 5 points)</th>
<th>Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (max. score: 3 points)</th>
<th>Research experience at universities or research centres (max. score: 5 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. total score: 40 points</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Examination topics: Physics, Biology, Biochemistry, Physiology, Fluid dynamics, Biomaterials, Cardiology, Cardiac Surgery, Basic Laboratory Methods, Molecular Biology and Genetics in Cardiovascular Research
# GRADUATE SCHOOL FOR LEGAL AND ECONOMIC SCIENCES

## Ph.D. programme in Economics and Management

**Coordinator:** Professor Roberto Ricciuti

### Programme duration

4 years: 1\textsuperscript{st} October 2019 – 30\textsuperscript{th} September 2023; Thesis Defence: by May 2024

### 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. 599/99);
- or equivalent foreign degree

### Curricula, programme objectives and learning outcomes, languages

The PhD in Economics and management is divided into two curricula:

1. Economics
2. Management

In the Application Form candidates will be required to choose one of the curricula listed above. At the end of the examinations, two rankings will be drawn up, one for each curriculum.

Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the Verona University web site [http://www.dse.univr.it/?ent=cs&id=637&tcs=DR](http://www.dse.univr.it/?ent=cs&id=637&tcs=DR)

The program activities will be totally held in English

Students admitted to the Ph.D. Programme are required to spend a minimum of 6 months (over the course of the 48 month-long programme) abroad conducting research at foreign Universities, Research Centers, or other relevant Public Institutions.

### Places available

<table>
<thead>
<tr>
<th>Scholarship type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships funded by Univr</td>
<td>n. 2</td>
</tr>
<tr>
<td>Scholarships associated to a specific research project</td>
<td>n. 1</td>
</tr>
<tr>
<td>Scholarship reserved for the realization of the following research project: Intellectual property rights and industrial development in emerging economies: a quantitative analysis (Contact person: Prof. Angelo Zago)</td>
<td></td>
</tr>
<tr>
<td>N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.</td>
<td></td>
</tr>
<tr>
<td>Scholarships funded by Banco BPM</td>
<td>n. 1</td>
</tr>
<tr>
<td>Total places</td>
<td>n. 4</td>
</tr>
</tbody>
</table>

### Admission procedure

#### Italian candidates

- Evaluation of qualifications*
- Oral examination

Language for the oral examination: Italian

Possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form

- English language skills are required

#### Foreign candidates

- Evaluation of qualifications*
- Oral examination

Language for the oral examination: English

Possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required it has to be indicated on the Application Form

- English language skills are required

### Oral Examination

**Place:** Università di Verona, Dipartimento Scienze Economiche, Aula Vaona, Via Cantarane 24, Verona.
**Attachment 1 – List of Contents and Detailed Tables**

<table>
<thead>
<tr>
<th>Date: 11 July 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time: 9.30 a.m.</td>
</tr>
</tbody>
</table>

**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 on PhD Program web page. A pass in the oral exam will be awarded only if the score is at least 40/60. The final score will be the sum of the evaluation of their qualifications and the score of the oral examination.*

<table>
<thead>
<tr>
<th>Documents to be submitted and relative scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (<strong>max. score: 15 points</strong>)</td>
</tr>
<tr>
<td>• Curriculum Vitae et studiorum (<strong>max. score: 13 points</strong>)</td>
</tr>
<tr>
<td>• Scientific publications (<strong>max. score 4 points</strong>)</td>
</tr>
<tr>
<td>• Other qualifications that could be considered relevant (<strong>max. score: 5 points</strong>)</td>
</tr>
<tr>
<td>• Original research project written in Italian or English of maximum seven 2,000-character pages, spaces included, other than the bibliography and related to the PhD thesis that candidates wish to carry out during their doctorate (<strong>max. score: 8 points</strong>)</td>
</tr>
<tr>
<td>• Post-graduate program and/or Master (<strong>max. score: 7 points</strong>)</td>
</tr>
<tr>
<td>• Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (for both Italian and foreign candidates) (<strong>max. score: 6 points</strong>)</td>
</tr>
<tr>
<td>• Research experience at universities or research centres (<strong>max. score 2 points</strong>)</td>
</tr>
</tbody>
</table>

**Max. total score: 60 points**

**Examination topics**

| Economics and Management |

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**Ph.D. Programme in EUROPEAN AND INTERNATIONAL LEGAL SCIENCES**

**Coordinator:** Professor Maria Caterina Baruffi

**Programme duration**

3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023

**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. 509/1999);
• or equivalent foreign degree.

According to D.P.R. No. 442 of 2000 and Article 7, paragraph 4 of the University of Verona PhD Regulation (Rectoral Decree No. 1891 of 2018), candidates must declare in the application form that they are not enrolled at the same time in multiple courses leading to the award of a university degree (Bachelor’s degree, Master’s Degree, Specialization School excluding Medical Area referred to in Article 10, i and ii Master’s degrees, Ph.Ds).

The PhD programme requires a full time and exclusive work-related commitment (Article 12, M.D. 45/2013). Exceptions may be granted only i) to allow students to participate to public competitions required to carry out professional activities, ii) to students without a scholarship, iii) for the ‘Industrial’ Doctoral programme.

**Programme languages and mobility abroad**

• The programme activities will be held mainly in Italian, and partially in English, Spanish, Portuguese and German.
• Students admitted to the Ph.D. Programme are required to spend a minimum of 12 months (over the course of the 36 month-long programme) abroad conducting research at foreign Universities, Research Centres, or other relevant Public Institutions.

**Programme objectives**

Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the Verona University web site [http://www.dsg.univr.it/?ent=cs&id=625&lang=en](http://www.dsg.univr.it/?ent=cs&id=625&lang=en)

On the Application Form candidates are required to select one of the examination topics listed in the section **“Examination topics”**. The research project shall be based on the chosen topic, on which candidates will be assessed during the oral examination. A choice of more than one examination topic is
Verona University has stipulated two international cooperation agreements for the internationalization of the PhD Programme aimed at the award of the Joint PhD degree:

A) Cooperation Agreement with the Faculty of Law of Regensburg University (academic years 2014-2019) concerning legal disciplines related to European Private Law of Patrimonial Relationships (Agreement in phase of renewal)

B) Cooperation Agreement with the Faculty of Law of Bayreuth University (academic years 2015-2020).

Candidates interested in the above mentioned international programmes are required to express their interest in the Application Form, committing themselves to take a German language test and filling in Attachment A (collaboration with the Regensburg University) or the Attachment B (collaboration with Bayreuth University), where candidates are required to declare to be in possession of the specific requirements mentioned in the agreements. The above mentioned candidates will have to pass a further selection, based only on the CV and the other relevant documents, at the partner University in accordance with what reported in the respective agreements.

In the event that the aforementioned agreements are not renewed in a timely manner, the candidates who have specifically requested the admission to the internationalization doctoral programme may still participate in the selection of the national doctorate.

### Available positions

<table>
<thead>
<tr>
<th>Scholarships funded by Univr</th>
<th>n. 4</th>
</tr>
</thead>
</table>

Scholarships associated to a specific research project

<table>
<thead>
<tr>
<th>n. 1</th>
</tr>
</thead>
</table>

Scholarship reserved to the realization of the following research project:

**Economic crisis and new credit guarantee instruments: the price deposit to the notary** (person of reference: Prof. Stefano Troiano)

N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing

<table>
<thead>
<tr>
<th>Innovative Industrial Doctorate</th>
<th>n. 1</th>
</tr>
</thead>
</table>

Position reserved for employees of **Piave Servizi srl**, Treviso (Italy) for the realization of the following research project:

**Il Servizio Idrico Integrato secondo normativa UE, sua evoluzione con l'attuale configurazione e la relativa ricaduta in termini di regolazione di settore da parte dell'Autorità per l'Energia Reti e Ambiente italiana.**

Only employees of Piave Servizi srl are entitled to apply for this position.

For this position, mobility of at least 12 months over a 36-month-period is not required.

Candidates interested in this position are required to fill in the document available here:

[http://www.dsg.univr.it/?ent=iscrizionecs&cs=625&lang=en](http://www.dsg.univr.it/?ent=iscrizionecs&cs=625&lang=en)

<table>
<thead>
<tr>
<th>Scholarships funded by “Department of excellence”</th>
<th>n. 1</th>
</tr>
</thead>
</table>

Research theme: **“Law, changes and technologies”**

<table>
<thead>
<tr>
<th>Position without scholarship</th>
<th>n. 1</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Position without scholarship in cooperation with Public Institutions</th>
<th>n. 1</th>
</tr>
</thead>
</table>

Position in cooperation with the Provincia di Verona (Italy) and reserved to the realization of the following research project:

**La Provincia come ente di area vasta nella pianificazione dei servizi pubblici e nel governo del**
For this position, mobility of at least 12 months over a 36-month-period is not required. Candidates interested in this position are required to fill in the document available here:

http://www.dsg.univr.it/?ent=iscrizionecs&cs=625&lang=en

| Total positions | n. 9 |

### Italian candidates residing in Italy:
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,
- list of publications.

Italian candidates residing in Italy may – if they wish to – also attach a reference letter.

### Foreign candidates and Italian candidates 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,
- list of publications,
- reference letter.

The selection will be composed of two parts:

1. **evaluation of qualifications and evaluation of research project** (score: **min 42, max 70 points**),
2. **oral examination** (score: **min 18, max 30 points**).

### Stage 1: evaluation of qualifications and research project
The 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.

To apply for the scholarship granted for the dissertation on "Economic crisis and new credit guarantee instruments: the price deposit to the notary", the project must be related to private law (IUS 01).

To apply for the scholarship granted within the “Department of excellence” scheme, the project must address issues related to "Law, changes and technologies", preferably concerning Fashion law or Food law and having a cross-sectorial perspective, i.e. relating if possible to at least two of the examination topics listed below.

### 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 oral examination (Stage 2) in order to draw up the final merit ranking.

### Languages for the oral examination
- Italian candidates residing permanently in Italy: Italian
- Italian candidates residing permanently abroad: Italian
- Foreign candidates residing permanently in Italy: Italian
- Foreign candidates residing permanently abroad: Italian or English (to be indicated in the Application Form)
Only Italian and foreign candidates permanently residing abroad may take the oral examination in videoconference upon request. In such case a Skype address is required, that must 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) is mandatory and will be tested during the oral examination:

- English
- French
- Spanish
- German

In case of multiple selection, the knowledge of all the selected languages will be considered mandatory.

<table>
<thead>
<tr>
<th>Stage 1 - Evaluation of qualifications and evaluation of research project</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Place:</strong> Università di Verona, Dipartimento di Scienze Giuridiche (Law Department), Classroom Jacopo D’Ardizzone, Via C. Montanari 9, Verona</td>
</tr>
<tr>
<td><strong>Date:</strong> 1 July 2019</td>
</tr>
<tr>
<td><strong>Time:</strong> 10 a.m.</td>
</tr>
<tr>
<td>Candidates may NOT be present.</td>
</tr>
<tr>
<td>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 <strong>PhD Program web page</strong>.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stage 2 - Oral examination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Place:</strong> Università di Verona, Dipartimento di Scienze Giuridiche, (Law Department), Classroom Jacopo D’Ardizzone, Via C. Montanari 9, 37122 Verona</td>
</tr>
<tr>
<td><strong>Date:</strong> 10 July 2019</td>
</tr>
<tr>
<td><strong>Time:</strong> 10 a.m.</td>
</tr>
<tr>
<td>The Admission Examination Committee will evaluate if and to what extent candidates are fit for the PhD programme. The evaluation will be based on:</td>
</tr>
<tr>
<td>a) The topic and quality of the research project submitted by the candidate</td>
</tr>
<tr>
<td>b) The candidate’s knowledge of the examination topic chosen by the candidate and indicated in the Application Form</td>
</tr>
<tr>
<td>c) Knowledge of one of these foreign languages: French, English, German, Spanish.</td>
</tr>
<tr>
<td>To pass the oral examination candidates must have obtained a score of at least 18 points out of 30.</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Documents evaluated during Stage 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 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 <strong>(score: max 10 points)</strong></td>
</tr>
<tr>
<td>• Copy of scientific publications (maximum no. 5): <strong>(score: max 6 points)</strong></td>
</tr>
<tr>
<td>• Other qualifications that could be considered relevant for the evaluation <strong>(score: max 4 points)</strong></td>
</tr>
<tr>
<td>• Original research project written in Italian or English of maximum 8000 words, bibliography excluded <strong>(score: max 50 points)</strong></td>
</tr>
<tr>
<td><strong>Score:</strong> min 42, max 70.</td>
</tr>
</tbody>
</table>
On the Application Form candidates are required to select one of the examination topics listed below. The research project shall be based on the chosen topic, on which candidates will be assessed during the oral examination. A choice of more than one examination topic is not allowed, except for the applications to the “Department of excellence” scholarship (see below).

<table>
<thead>
<tr>
<th>Examination topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Private Law (IUS/01)</td>
</tr>
<tr>
<td>2) Private Comparative Law (IUS/02)</td>
</tr>
<tr>
<td>3) Commercial Law (IUS/04)</td>
</tr>
<tr>
<td>4) Economic Law and Financial Markets Regulation (IUS/05)</td>
</tr>
<tr>
<td>5) Labour Law (IUS/07)</td>
</tr>
<tr>
<td>6) Constitutional Law and Institutions of Public Law (IUS/08) (IUS 09)</td>
</tr>
<tr>
<td>7) Administrative Law (IUS/10)</td>
</tr>
<tr>
<td>8) Tax Law (IUS/12)</td>
</tr>
<tr>
<td>9) International Public Law, International Private and Procedural Law (IUS/13)</td>
</tr>
<tr>
<td>10) European Union Law (IUS/14)</td>
</tr>
<tr>
<td>11) Criminal Law (IUS/17)</td>
</tr>
<tr>
<td>12) Roman Law and Ancient Law (IUS/18)</td>
</tr>
<tr>
<td>13) History of Medieval and Modern Law (IUS/19)</td>
</tr>
<tr>
<td>14) Public Comparative Law (IUS/21)</td>
</tr>
</tbody>
</table>

For candidates applying for the scholarship granted for the dissertation on “Economic crisis and new credit guarantee instruments: the price deposit to the notary”, the project must be related to private law (IUS 01), the oral exam will focus on the related legal discipline, ie IUS / 01 - Private law.

For candidates applying for the scholarship granted within the “Department of excellence” scheme, the project must address issues related to “Law, changes and technologies”, the exam will be on at least two of the examination topics listed above and indicated by the candidate in the project.
# GRADUATE SCHOOL OF NATURAL AND ENGINEERING SCIENCES

## Ph.D. programme in Biotechnology

**Coordinator:** Professor Matteo Ballottari

### Programme duration

3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023

### 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. 599/99);
- or equivalent foreign degree

### Programme objectives and learning outcomes

Programme objectives and learning outcomes of the Ph.D. programme can be found here [http://www.dbt.univr.it/?ent=iscrizionecs&cs=624&lang=en](http://www.dbt.univr.it/?ent=iscrizionecs&cs=624&lang=en)

The program activities will be totally held in English

<table>
<thead>
<tr>
<th>Scholarships funded by Univr</th>
<th>n. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Research Project: Phytochemistry, genetics and biological activity of Artemisia genus species and ecotypes and metabolic engineering approaches aimed at optimizing the production of the active principles of interest.</td>
<td></td>
</tr>
<tr>
<td>2. Research Project: Phenotypic and molecular characterization of grapevine plants grown in a controlled environment and in the open field</td>
<td></td>
</tr>
<tr>
<td>3. Research Project: Regulation of gene expression in grapevine: analysis of genetic and epigenetic determinants</td>
<td></td>
</tr>
<tr>
<td>4. Research Project: Development of bioinformatic and statistical methods for the analysis of metagenomic data</td>
<td></td>
</tr>
<tr>
<td>5. Research Project: Conformational properties of amyloidogenic proteins</td>
<td></td>
</tr>
<tr>
<td>6. Research Project: New functions of ubiquitin ligases in signaling and disease</td>
<td></td>
</tr>
</tbody>
</table>

| Scholarships associated to a specific research project funded by external entities | n. 1 |
| Research Project: Study of biochemical processes and technological variables involved in the development of the aroma of Amarone wine (person of reference: Prof. Maurizio Ugliano) |
| N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing. |

| Scholarships funded by the Department of Biotechnology within the project “Dipartimenti di Eccellenza” | n. 2 |
| 2. Research Project: Biotechnological applications of unicellular photosynthetic organisms for CO2 fixation and the production of high value compounds |

| Scholarships funded by the Department of Biotechnology | n. 1 |
| Research Project: Bioinformatics & Genomics (person of reference: Prof. Massimo Delledonne) |

| Innovative Industrial Doctorate with a contract of apprenticeship | n. 1 |
| Position funded by Diamante srl and reserved for the realization of the following research project: |
Feasibility study for plant-derived nanomaterials in different biotechnological applications.

Only recent graduates who, at the date of the 1st of October 2019 have not reached 30 years of age are entitled to apply for this position. The winner will be employed with a contract of apprenticeship by Diamante srl. The contract lasts three years. Attention: Candidates interested in this position have to explicitly indicate their interest in the application, and fill in the form available here: http://www.dbt.univr.it/?ent=iscrizionecs&cs=624&lang=en

<table>
<thead>
<tr>
<th>Places without a scholarship</th>
<th>n. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total places</td>
<td>n. 13</td>
</tr>
</tbody>
</table>

**Admission procedure**

**Italian and foreign candidates**
- Evaluation of qualifications *
- Oral examination

Language for the oral examination: Italian/English

Italian and foreign candidates **residing abroad**: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form

English language skills are required

**Oral Examination**

**Place:** Università di Verona, Dipartimento di Biotecnologie, Strada le Grazie 15, Verona
**Date:** 16 July 2019 (oral exam); 17 July 2019 (oral exams by Skype)
**Time:** 9:00 am

**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 on the PhD Program web page. 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: 10 points**).
- Graduation thesis (**max. score: 5 points**)
- Curriculum Vitae et studiorum (**max. score: 28 points**)
- Candidate's motivation letter (**max. score: 2 points**)
- Scientific publications (**max. score 5 points**)
- Other qualifications that could be considered relevant (**max. score: 3 points**)
- Post-graduate program and/or Master (**max. score: 3 points**)
- Research experience at universities or research centres (**max. score: 3 points**)
- Prizes and grants (**max. score: 1 points**)

Max. total score: 60 points

**Examination topics**

Molecular biology, Structural biology, Environmental biotechnology, Medical biotechnology, Agrio-food Biotechnology

**Ph.D. programme in Computer Science**

Coordinator: Professor Massimo Merro
### Programme duration
3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023

### 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. 599/99);
- or equivalent foreign degree

### Programme objectives and learning outcomes, languages
Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the Verona University web site [http://www.di.univr.it/?ent=cs&id=635&tcs=DR&lang=en](http://www.di.univr.it/?ent=cs&id=635&tcs=DR&lang=en)
The program activities will be partially held in English

### Places available

<table>
<thead>
<tr>
<th>Scholarships funded by UniVR</th>
<th>n. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Dipartimenti di Eccellenza” scholarships</td>
<td>n. 5</td>
</tr>
</tbody>
</table>

Scholarships reserved to the project: “Informatics for Industry 4.0”.
**Attention:** The candidates must explicitly express their interest in this project in their application.

| EU funded scholarships | n.2 |

**Project ARS - Autonomous Robotic Surgery**, reference number: 742671

1. **Machine learning techniques to extract robotic surgery models from data sets.**
   This research will investigate the structure and the actual evolution of robot-assisted surgery through the examination of data collected during different types of real and simulated robotic interventions. The research will focus on the development of data-driven models that use/embed prior knowledge in the data analysis, identify possible variants to prior knowledge and propose the reward functions optimized by the operating surgeons.

2. **Modeling, analysis and control of a cognitive robot as a hierarchy of hybrid systems.**
   This research will analyze the interaction between the reasoning and the control parts of a cognitive robot, by modeling the complete system as a hierarchy of discrete and continuous controllers whose properties, including safety, should be theoretically analyzed and experimentally verified.

**Attention:** The candidates must explicitly express their interest in these projects in their application.

| Innovative Industrial Doctorate | n.1 |

Place reserved for employees of JuliaSoft Srl, Verona (Italy). Only employees of JuliaSoft are entitled to apply for this position.

**Research project:** “Theory and application of static analysis techniques for the verification of software in the context of the Internet of Things”.

**Attention:** The candidates must explicitly express their interest in this position in their application.
<table>
<thead>
<tr>
<th>Attachment 1 – List of Contents and Detailed Tables</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P4cards Srl funded scholarships</strong></td>
</tr>
<tr>
<td>express their interest in this project in their application and fill in the form available here: <a href="http://www.di.univr.it/?ent=iscrizionecs&amp;cs=635">http://www.di.univr.it/?ent=iscrizionecs&amp;cs=635</a> &amp;lang=en</td>
</tr>
</tbody>
</table>

**Process-oriented information systems, Data Warehouse, OLAP and data mining in the banking software domain.**

The research will focus on banking software systems, which need the study of advanced techniques and architectures for data warehouse systems and for the related OLAP analyses, often featuring complex temporal aspects. Further research aspects deal with data mining with machine learning techniques, to derive new knowledge from data about economic transactions. Finally, modeling interorganizational business processes is a research area important for worldwide banking institutions.

Attention: The candidates must explicitly express in the application their interest in this project.

| **Scholarships associated to a specific research project** | n. 2 |
| Scholarship reserved for the realization of the following research projects: 1. **Artificial Intelligence methods for autonomous drones employed in freshwater monitoring** (person of reference: Prof. Alessandro Farinelli) 2. **Agrifood meets logistics 2.0: modeling of complex non-deterministic processes for validation, prediction and control** (person of reference: Dr. Davide Quaglia) |
| Attention: The candidates must explicitly express in the application their interest in these projects. |

N.B. The Entrance Commission reserves the right to modify the projects within the same subject, in case of non-external financing.

| **Places without a scholarship** | n. 1 |
| **Project TuringArena** |
| The focus will be on the development (from the architecture, to the core, to the examples of problems; both ideation, design, and implementation) of a new generation platform, and supporting cloud services, meant to allow, support and promote didactical interactive experiences that can be shared and jointly developed in collaborative networks. |

Attention: The candidates must explicitly express in the application their interest in this project.

<p>| <strong>Total places</strong> | n. 18 |</p>
<table>
<thead>
<tr>
<th>Admissions Procedure</th>
<th>Italian and foreign candidates:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Evaluation of qualifications*</td>
</tr>
<tr>
<td></td>
<td>• Oral examination</td>
</tr>
<tr>
<td>Language for the oral examination: English</td>
<td></td>
</tr>
<tr>
<td>Candidates residing abroad: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• English language skills are required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral Examination</th>
<th>Place: to be defined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: to be defined</td>
<td></td>
</tr>
<tr>
<td>Time: to be defined</td>
<td></td>
</tr>
</tbody>
</table>

| 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 results will be published as soon as available on the PhD Program web page. |
|                    | 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: 25 points) |
|                                               | • Graduation thesis (max. score: 10 points) |
|                                               | • Curriculum Vitae et studiorum (max. score: 13 points) |
|                                               | • Candidate’s letter of motivation (max. score: 3 points) |
|                                               | • Scientific publications with a clear contribution of the candidate (max. score 3 points) |
|                                               | • Post-graduate program and/or Master (max score: 2 points) |
|                                               | • Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (for both Italian and foreign candidates) (max. score: 2 points) |
|                                               | • Research experience at universities or research centres (max. score: 2 points) |
|                                               | Max. total score: 60 points |

| Examination Topics | Computer Science |

**Ph.D. programme in Nanosciences and Advanced Technologies**

**Coordinator: Professor Franco Tagliaro**

**Programme duration**

3 years: 1st October 2019 – 30th September 2022; Thesis Defence: by May 2023

**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. 599/99);
• or equivalent foreign degree

**Curricula, programme objectives and learning outcomes, languages**

The PhD programme is divided into three curricula:

1. curriculum in Morphological and Clinical Nanomedicine
2. curriculum in Sciences and Forensic Technologies
3. curriculum in Nanomaterials and Chemical-Physical Technology

On the Application Form candidates will be required to indicate their preference for one or more curricula. Candidates can find further information about the programme objectives, its learning outcomes, curricula as well as the lines of research which are available for the new doctoral students, at the following link: [http://www.ddsp.univr.it/?ent=cs&id=628&tcs=DR&lang=en](http://www.ddsp.univr.it/?ent=cs&id=628&tcs=DR&lang=en)
The program activities will be totally held in English

<table>
<thead>
<tr>
<th>Places available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships funded by Univr</td>
</tr>
<tr>
<td>Scholarships associated to a specific research project</td>
</tr>
<tr>
<td>Scholarship within Industrial Doctorate</td>
</tr>
<tr>
<td>Places without a scholarship</td>
</tr>
<tr>
<td>Total places</td>
</tr>
</tbody>
</table>

**Admission procedure**

**Italian candidates**
- Evaluation of qualifications
- Oral examination
- Language for the oral examination: **Italian** and **English**

Italian candidates **residing abroad**: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.
- English language skills are required

**Foreign candidates**
- Evaluation of qualifications
- Oral examination
- Language for the oral examination: **English**

Foreign candidates **residing abroad**: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form.
- English language skills are required

**Oral Examination**

**Place:** Università di Verona, Dipartimento di Diagnostica e Sanità Pubblica, Sezione di Medicina Legale, sede Palazzina di Medicina Legale-Farmacologia-CPT, Policlinico G.B. Rossi, P.le L.A. Scuro 10, Verona

**Date:** 22 and 23 July 2019

**Time:** 10:00 a.m.

N.B. For Italian and foreign candidates residing abroad a check of their Skype contact will be made on July 22, 2019 while the oral examination will take place on July 23, 2019

**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 list of marks obtained during the academic career in case of final graduation after the Call deadline (max. score: 10 points)
- Graduation thesis (max. score: 5 points)
- Curriculum Vitae et studiorum (max. score: 5 points)
- Scientific publications (max. score 5 points)
Attachment 1 – List of Contents and Detailed Tables

| Examination Topics | • Nanomedicine applied to pediatrics: imaging, anatomy, morphology.  
|                     | • 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 state devices.  

| 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 English (max 10.000 characters, spaces included) (max. score: 5 points)  

Max. total score: 40 points
**GRADUATE SCHOOL FOR ARTS AND HUMANITIES**

**JOINT DOCTORAL PROGRAMME IN “ARTS AND ARCHAEOLOGY**

**Università di Verona - Universiteit Gent**

Coordinator: Prof. Attilio Mastrocinque (UNIVR)
Co-coordinator: Prof. Koenraad Jonckheere (UGent)

<table>
<thead>
<tr>
<th>Details of the Programme</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Joint Doctoral Programme in Arts and Archaeology (JDP) is shared and implemented by Universiteit Gent (Belgium) and <em>Università di Verona</em>. It lasts for <strong>4 academic years</strong> from 1 October 2019 to 30 September 2023. The final discussion of the dissertation will occur no later than May 2024. With reference to the specificity of this programme, candidates are requested to read what is provided for in the Bilateral Cooperation Agreement between Universiteit Gent (Belgium) and <em>Università di Verona</em> for a scientific co-operation within this doctorate. As this is a joint doctoral programme, the enrolled students will receive at the end of the programme a title of Doctor (PhD) issued by both partner Universities. The selected students will be required to enroll in both the <em>Università di Verona</em> and the Universiteit Gent according to the timetable in the normative part of this Call and the rules of the Universiteit Gent. The inscription at the partner University implies the payment of the due enrolment fees according to article 7 of the above mentioned Bilateral Cooperation Agreement. A mobility period of at least 12 months at UGent is required.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Admission requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- &quot;Laurea specialistica&quot; or &quot;Laurea magistrale&quot; (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. 599/99); - or equivalent foreign degree (Bologna Qualifications Framework, second cycle university degree which grants access to PhD programmes in the country where it was conferred)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Curricula, programme objectives and learning outcomes, languages</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Joint Doctoral Programme in Arts and Archaeology (JDP) is divided into two curricula:</td>
<td></td>
</tr>
<tr>
<td>- Curriculum in Art</td>
<td></td>
</tr>
<tr>
<td>- Curriculum in Archaeology</td>
<td></td>
</tr>
<tr>
<td>(In the Application Form candidates will be required to choose one of the curricula listed above). Information concerning the programme objectives, curricula, and the research lines of the Joint Doctoral Programme are available on the web site of the Università di Verona at the following links:</td>
<td></td>
</tr>
<tr>
<td><a href="http://www.dcuci.univr.it/?ent=cs&amp;id=817&amp;lang=en">http://www.dcuci.univr.it/?ent=cs&amp;id=817&amp;lang=en</a> (programme objectives)</td>
<td></td>
</tr>
<tr>
<td><a href="http://www.dcuci.univr.it/?ent=iscrizionecs&amp;cs=817&amp;lang=en">http://www.dcuci.univr.it/?ent=iscrizionecs&amp;cs=817&amp;lang=en</a> (research lines)</td>
<td></td>
</tr>
<tr>
<td>The language of communication of the JDP will be English. The taught part of the programme will be mostly in English.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Admission requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- &quot;Laurea specialistica&quot; or &quot;Laurea magistrale&quot; (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. 599/99); - or equivalent foreign degree (Bologna Qualifications Framework, second cycle university degree which grants access to PhD programmes in the country where it was conferred)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships funded by Univr</th>
<th>n. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship reserved for the realization of the following research project:</td>
<td></td>
</tr>
<tr>
<td>Dante and his works in the performing arts between the 19th and the 21st centuries (person of reference: Prof. Simona Brunetti)</td>
<td></td>
</tr>
<tr>
<td>N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships associated to a specific research project</th>
<th>n. 1</th>
</tr>
</thead>
</table>

| N.B. The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing. |  |
For this doctoral cycle the UGent has no. 3 doctoral scholarships funded. For these scholarships an autonomous call for applications will be published by UGent according to the rules and the timetable reported in the article 5 of the Bilateral Cooperation Agreement.

<table>
<thead>
<tr>
<th>Total number of scholarships available for the JDP through UNIVR and UGent Call</th>
<th>n. 6</th>
</tr>
</thead>
</table>

**Admission procedure**

**Italian and foreign candidates**
- Evaluation of qualifications*
- Oral examination

Language for the oral examination: English

Italian and foreign candidates **residing abroad**: possibility to take the oral examination in videoconference upon request by the candidate. In this case a Skype contact is required and it has to be indicated on the Application Form. Candidates will be informed of other eventual means to enter the videoconference.

**Required languages:**
- English language skills are required
- At least a basic knowledge of the following languages is recommended: Italian, French, German

**Oral examination**

**Place:** Università di Verona, Dipartimento di Culture e Civiltà, Room D-4 Olimpia Lungadige Porta Vittoria 41 (also from Via San Francesco 22) Verona

**Date:** 1st July 2019

**Time:** 10 a.m.

**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 of candidates' qualifications will be made before the oral examination and the results will be published as soon as available on the JDP web page.
- 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 with the Application Form and related 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: 10 points)
- Graduation thesis (max. score: 10 points)
- Curriculum Vitae et studiorum (max. score: 10 points)
- Scientific publications (max. score 10 points)
- Original research project written in English of maximum seven 2,000-character pages, spaces and bibliography. Even if positively evaluated, the proposed project cannot necessarily and in any case correspond to the topic of the doctoral dissertation, especially if it is diverging from the main research lines of the doctorate. (max. score: 20 points)

Max. total score: 60 points

**Features of the oral examination**

The oral examination consists in a discussion on the project and on topics related to the research lines of the JDP. As the partner Universities agreed that the doctoral students should be able to understand and write a brief text of Arts and/or Archaeology in one or more of the most important European languages, different from the candidate’s mother tongue (i.e. English, French, German, and Italian). Such a skill is not mandatory for admission, but will be taken into account in the evaluation.

**Ph.D. programme in Philology, Literature, and Performance Studies**

Coordinator: Professor Paolo Pellegrini

**Programme duration**

- 3 years: 1 October 2019 – 30 September 2022;
- Thesis Defence: by May 2023

**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
Candidates can find further information about the programme objectives, its learning outcomes as well as the lines of research which are available for the new doctoral students, at the following link: http://www.dcuci.univr.it/?ent=cs&id=818&lang=en

The program activities will be held in Italian, partially in English or in other languages.

At least 12 months abroad taking courses and/or doing research is compulsory as part of the degree programme (not necessarily all at once).

### Number of positions available

<table>
<thead>
<tr>
<th>Scholarship funded by Univr</th>
<th>n. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship associated to a specific research project</td>
<td>n. 1</td>
</tr>
</tbody>
</table>

The Entrance Commission reserves the right to modify the project within the same subject, in case of non-external financing.

### Total places

n. 4

### Admission procedure

#### Italian and foreign candidates residing in Italy:

- Evaluation of qualifications*
- Written examination
  - The written examination will be in Italian
- Oral examination
  - The oral examination will be in Italian

**Required Languages**

- Italian language skills are required.
- 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”.

#### Italian and foreign candidates residing abroad:

- Evaluation of qualifications*
- Oral examination
  - The oral examination will be in Italian

Italian and foreign candidates residing abroad may require taking the oral test via video conference. In this case a Skype contact is required and it has to be indicated on the Application Form. Possibility to take the written test in presence at Verona University.

**Required Languages**

- 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”.

### Written test

**Place:** Università di Verona, Dipartimento di Culture e Civiltà, Room 2.3, Lungadice Porta Vittoria n. 41, Verona

**Date:** 8 July 2019

**Time:** 10 am

### Oral test

**Place:** Università di Verona, Dipartimento di Culture e Civiltà, Room D-4 Olimpia, Lungadice Porta Vittoria n. 41, Verona

**Date:** 15 July 2019

**Time:** 10 am

### Evaluation criteria

*A preliminary selection is conducted through the evaluation of the qualifications (for a maximum of 20 pts). The passing score is 10/20. This preliminary evaluation score will be added to the other ones in order to compile the final merit ranking.

Results will be published as soon as available on the PhD Program webpage.

A pass in the written examination will be awarded only if the score is at least 40/60.

A pass in the oral examination will be awarded only if the score is at least 40/60 or 80/120 in case the only oral examination has been taken (for foreign candidates and Italian candidates residing abroad).
Attachment 1 – List of Contents and Detailed Tables

Admitted documentation and maximum scores

- Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline: **0 pts max**
- Curriculum Vitae et Studiorum: **4 pts max**
- Graduation thesis (in case the thesis has been delivered but not yet defended, candidates are required to provide a document that proves the delivering): **5 pts max**
- Scientific publications: **2 pts max**
- Other titles that could be considered relevant for the evaluation (certificates of language competences included in the list available at [https://cla.univr.it/files/4-tabella_equipollenze.pdf](https://cla.univr.it/files/4-tabella_equipollenze.pdf), or duly documented (minimum evaluation B1));
- Post-graduate program and/or Master; reference letters etc: **4 pts max**
- Original research project written in Italian or English of maximum seven 2,000-character pages, spaces included, other than the bibliography and related to the PhD thesis that candidates wish to carry out during their doctorate: **5 pts max**

Max total score: **20 points**

Examination topics

In their application, candidates are required to indicate a **single discipline (SSD)** on which they wish to be examined.

L-ART/05 – Performance studies
L-ART/06 – Cinema, Photography and Television
L-ART/07 – Musicology and Music History
L-FIL-LET/02 – Ancient Greek Language and Literature
L-FIL-LET/04 – Latin Language and Literature
L-FIL-LET/05 – Classic Philology
L-FIL-LET/08 – Medieval and Renaissance Italian Literature
L-FIL-LET/09 – Romance Linguistics and Philology
L-FIL-LET/10 – Italian Literature
L-FIL-LET/11 – Modern and Contemporary Italian Literature
L-FIL-LET/12 – Italian Linguistics
L-FIL-LET/13 – Italian Philology
L-FIL-LET/14 – Literary Criticism and Comparative Literature

Ph.D. programme in Foreign Literatures, Languages and Linguistics

Coordinator: Prof. Stefan Rabanus

Program duration

3 years: 1st October 2019 – 30th September 2022
Thesis Defence: by May 2023

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, learning outcomes, tracks and languages

Programme objectives and learning outcomes of the Ph.D. programme can be found here: [http://www.dlls.univr.it/?ent=cs&id=819&tcs=DR&lang=en](http://www.dlls.univr.it/?ent=cs&id=819&tcs=DR&lang=en)

The degree programme is subdivided in three tracks:
1. Foreign Literatures and Cultures
2. Foreign Languages and Translation
3. Linguistics

Candidates are requested to indicate in their application only one of the above listed tracks. There is a specific admission procedure for each track (see below). Suitable candidates will enter a separate ranking for each of the three tracks.

In case of lack of applications or of suitable candidates for one track, the examination committee may consider the possibility to transfer scholarships from one track to qualified candidates in the ranking of another track.

There is a Cooperation Agreement between the [University of Verona](http://www.univr.it) and [UiT The Arctic University of Norway](http://www.uio.no) (Tromsø, Norway). On successful completion of the doctorate in cooperation the candidate will be granted a degree both from the University of Verona and from UiT The Arctic University of Norway. This international programme is limited to candidates of the Linguistics track. See details
Classes, lectures, seminars etc. of the tracks in Foreign Literatures and Cultures and Foreign Languages and Translation will be held in Italian, English, French, Spanish and, additionally for the track in Foreign Literatures and Cultures, in German and Russian. All classes of the Linguistics track will be taught in English.

Approximately 12 months abroad taking courses and/or doing research is recommended as part of the degree programme (not necessarily all at once).

Please note: Candidates which are evaluated suitable but not ranked first for scholarships for specific projects are automatically considered for the not project-specific scholarships funded by UniVR. If candidates ranked best in the various categories withdraw from the scholarships, the ranking of the suitable candidates will be scrolled down and the scholarships will be offered to the next best ranked candidate.

### Track in Foreign Literatures and Cultures

<table>
<thead>
<tr>
<th>Places available</th>
<th>Scholarships funded by UniVR</th>
<th>n. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships funded by the Department of Foreign Languages and Literatures within the project “Dipartimenti di Eccellenza”</td>
<td>n. 1</td>
<td></td>
</tr>
<tr>
<td>Total scholarships</td>
<td>n. 3</td>
<td></td>
</tr>
</tbody>
</table>

**Italian candidates:**
- Evaluation of qualifications
  The evaluation of qualifications is preliminary to the admission tests. To gain access to the written examination, candidates must have attained a minimum score of 12/20 points.
- Written examination.
  Language for the written examination: Italian or language of the PhD project
- Oral examination.
  Language for the oral examination: Italian or language of the PhD project

**Language requirements:**
In addition to the language of the Ph.D. project (admitted languages: English, French, German, Spanish, Russian) language skills in another language of the following list is required: English, French, German, Spanish, Russian. Language skills will be assessed during the oral examination.

**Written Examination**
- **Place:** Università degli Studi di Verona, Palazzo di Lettere Nuovo, Lecture room 2.1, Via San Francesco 22, Verona
- **Date:** 8 July 2019
- **Time:** 9 a.m.

**Foreign candidates:**
- Evaluation of qualifications
  The evaluation of qualifications is preliminary to the admission tests. To gain access to the written examination, candidates must have attained a minimum score of 12/20 points.
- Written examination.
  Language for the written examination: Italian or language of the PhD project
- Oral examination.
  Language for the oral examination: Italian or language of the PhD project

**Language requirements:**
Italian language skills are required. Furthermore, in addition to the language of the Ph.D. project (admitted languages: English, French, German, Spanish, Russian) language skills in another language of the following list is required: English, French, German, Spanish, Russian. Language skills will be assessed during the oral examination.
A pass in the written examination will be awarded only if the score is at least **40/60**.

### Oral Examination

**Place:** Università degli Studi di Verona, Palazzo di Lettere, Lecture room D4 – Olimpia, Via San Francesco 22, 37129 Verona  
**Date:** 12 July 2019  
**Time:** 9 a.m.

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 written/oral examinations in order to draw up the final ranking.

The results will be published as soon as possible on the [PhD program web](http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=132187).

### Track in Foreign Languages and Translation

**Scholarships funded by UniVR**  
1

**Scholarships funded by the Department of Foreign Languages and Literatures within the project “Dipartimenti di Eccellenza”**  
1

**Scholarships associated to a specific research project**  
1

Scholarship granted for a research project in Digital Humanities, please see here for details:  
[http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=132187](http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=132187)  
Candidates interested in this subject area have to explicitly indicate their interest in the application, after the indication of the track in **Foreign Languages and Translation**.

**Scholarship granted for a research project on:**  
**Studies on Chinese Vernacular Lexicography in Ming and Qing dynasties** (person of reference: Prof.ssa Barbara Bisetto)  
Please look here for more information:  
[http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=141874](http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=141874)  
Candidates interested in this subject area have to explicitly indicate their interest in the application, after the indication of the track in **Foreign Languages and Translation**.  
The selection committee reserves their right to modify the project within the same thematic area if the external funding wouldn’t be acquired.

**Total scholarships**  
3

### Italian and foreign candidates:

- **Evaluation of qualifications**
  
The evaluation of qualifications is preliminary to the admission tests. To gain access to the oral exam, candidates must have attained a minimum score of 12/20 points.
  
- **Oral examination**
  
The oral examination takes place in the language of the Ph.D. project (which may be: English, French, Spanish, Chinese).

**Language requirements:** Good skills in the language of the Ph.D. project, additional either in Italian or in English. The language skills will be assessed during the oral examination.  
Italian and foreign candidates **residing abroad** have the possibility to take the oral examination in videoconference upon request. In this case a Skype contact has to be indicated on the Application Form.  
Please note: for the track in **Foreign Languages and Translation** Italian language skills are **not** obligatory.
**Place:** Università degli Studi di Verona, Palazzo di Lettere, Lecture room D4 – Olimpia, Via San Francesco 22, 37129 Verona  
**Date:** 12 July 2019  
**Time:** 9 a.m.

For the **Foreign Languages and Translation** track the oral examination will be assessed on a scale of 120/120. Pass grade is **80/120**.

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.

The results will be published as soon as possible on the [PhD program web](http://www.dlls.univr.it/?ent=avvisoin&cs=819&id=141735).

### Track in Linguistics

<table>
<thead>
<tr>
<th>Scholarships available</th>
<th>n. 1</th>
<th>Scholarships funded by UniVR and reserved for the international track realized in cooperation with foreign universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships funded by the Department of Foreign Languages and Literatures within the project “Dipartimenti di Eccellenza”</td>
<td>n. 1</td>
<td>Scholarship granted for a research project in Digital Humanities, please see here for details: <a href="http://www.dlls.univr.it/?ent=avvisoin&amp;cs=819&amp;id=132187">http://www.dlls.univr.it/?ent=avvisoin&amp;cs=819&amp;id=132187</a></td>
</tr>
</tbody>
</table>
| **Total scholarships** | n. 3 | **Italian and foreign candidates:**  
  - Evaluation of qualifications  
  The evaluation of qualifications is preliminary to the admission tests. To gain access to the oral exam, candidates must have attained a minimum score of 12/20 points.  
  - Oral examination  
  Language for the oral examination: English  
  **Language requirements:**  
  Good English language skills. The English skills will be assessed during the oral examination  
  Italian and foreign candidates **residing abroad** have the possibility to take the oral examination in videoconference upon request. In this case a Skype contact has to be indicated on the Application Form.  
  Please note: For the **Linguistics** track Italian language skills are **not** required. |
Oral Examination

**Place:** Università degli Studi di Verona, Palazzo di Lettore, Lecture room D4 – Olimpia, Via San Francesco 22, 37129 Verona

**Date:** 12 July 2019

**Time:** 9 a.m.

For the **Linguistics** track the oral examination will be assessed on a scale of 120/120. Pass grade is **80/120**.

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.

The results will be published as soon as possible on the [PhD program web](#).

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**Documents to be submitted with the Application Form and relative scores**

<table>
<thead>
<tr>
<th>These documents must be submitted by all candidates regardless of the chosen track:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Second cycle degree thesis (usually Master thesis, <strong>max. score: 5 points</strong>)</td>
</tr>
<tr>
<td>- Curriculum vitae et studiorum (<strong>max. score: 5 points</strong>)</td>
</tr>
<tr>
<td>- Scientific publications (<strong>max. score: 2 points</strong>)</td>
</tr>
<tr>
<td>- Other qualifications that could be considered relevant (<strong>max. score: 2 points</strong>)</td>
</tr>
<tr>
<td>- Original research project written in Italian or English of maximum three pages (3,000 characters per page, spaces included) and a reference list, related to the Ph.D. thesis that candidates wish to carry out during their doctorate (<strong>max. score: 8 points</strong>)</td>
</tr>
</tbody>
</table>

**Max. total score:** 20 points

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**Examination topics**

1. **Foreign Literatures and Cultures**
   - French Literature
   - Spanish Literature
   - English Literature
   - Anglo-American Literature
   - German Literature
   - Slavic Studies

2. **Foreign Languages and Translation**
   - French Language
   - Spanish Language
   - English Language
   - Chinese Language

3. **Linguistics**
   - Germanic philology
   - General Linguistics
   - Methodologies of Language Teaching
   - German Linguistics

---

**Ph.D. programme in Human Sciences**

**Coordinator:** Professor Manuela Lavelli

**Programme duration**

3 years: 1st October 2019 – 30th September 2022

Thesis Defence: by May 2023

**Admission requirements**

- “Laurea specialista” 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 and educational aims

In the Application Form the candidate will have to indicate one of the curricula listed below

1. Philosophy (ssd M-FIL/01, M-FIL/03, M-FIL/04, M-FIL/06, M-FIL/07, SPS/01)
2. Educational Sciences (ssd M-PED/01, M-PED/03) in international collaboration with Aalborg University, DK; University of California Berkeley, USA; Vytautas Magnus University Kaunas, LT
3. Psychology (ssd M-PSI/03, M-PSI/04, M-PSI/05, M-PSI/06) in international collaboration with Lund University, SE; University of Colorado Boulder, USA; Katholieke Universiteit Leuven, BE; Eindhoven University of Technology, NL; The Ohio State University, USA; University of York, UK

PhD students enrolled in the Psychology curriculum will be required to participate in training and research at a Host University abroad, for at least 12 months (consecutive or not) out of the 36 months of the programme.

Information on aims and research areas of the PhD Programme in Human Sciences can be found on the University of Verona website at the following link: http://www.dsu.univr.it/?ent=cs&id=630&tcs=DR&lang=en

The candidates’ research topics have to be included in the research areas illustrated in the website:
1. Inclusive societies (gender and queer studies; multicultural and inclusive education)
2. Training and organizational dynamics (teacher education; personal development and wellbeing in organizational contexts)
3. Child development and educational practices (infant research; language acquisition and development; childhood education and care)
4. Theories and practices of care (phenomenology of care; caring in nursing; relationship philosophy; philosophy and psychoanalysis)
5. Cognition and contemporaneity roots (body and cognition; visual studies; philosophy of music; critical theory of society and culture; genealogy of philosophical praxis)
6. Research methods in human sciences (epistemology; methods of qualitative research; methods and techniques of quantitative research; research ethics)

Programme languages

The programme activities will be held in:
- Italian and, partially, in English for the Philosophy and Educational Sciences curricula
- English for the Psychology curriculum

International training

During the 3-year PhD programme, PhD students are required to spend a period of at least 3 months of training and research at a Host University or Research Center abroad. During the period abroad the PhD scholarships will be increased of 50%.

Scholarships funded by Univr – Philosophy curriculum

| Scholarships funded by Univr – reserved for the PhilCarE research project (Philosophy curriculum) |
| Scholarship within the international research project **PhilCare “Narrative practices in the Socratic/Platonian care of emotions and their actualizations”**, activated by the University of Verona in collaboration with Tuebingen University (DE) |

Attention: Candidates interested in this international track have to explicitly indicate the title of the project in their application, after the indication of the curriculum “Philosophy”. The option for this scholarship excludes the possibility to participate in the competition for the other scholarships.

Innovative Intersectoral Doctoral Track

| Innovative Intersectoral Doctoral Track reserved for DANS (Data Archiving and Networked Services) personnel, Royal Netherlands Academy of Arts and Sciences (Philosophy curriculum) Research project **Analysing institutional** |

| n. 1 |
| n. 1 |
| n. 1 |
dynamics and processes of co-creation in research infrastructures*, activated by the University of Verona in collaboration with DANS (Data Archiving and Networked Services), Royal Netherlands Academy of Arts and Sciences, Den Haag.

Attention: The candidates must explicitly express their interest in this project in their application and fill in the form available here: http://www.dsu.univr.it/?ent=iscrizionecs&cs=630&lang=en

Scholarships funded by Univr – Educational Sciences curriculum | n. 2
Scholarships funded by Univr – Psychology curriculum | n. 2
Without scholarship | n. 2
Total places | n. 9

After the examinations, 5 separate merit rankings will be drawn up: 1. Philosophy curriculum; 2. PhilCarE research project; 3. Educational Sciences curriculum; 4. Psychology curriculum, 5. Innovative Intersectoral Doctoral Track. In case of lacking of applications or suitable candidates for the PhilCarE-scholarship, the examination committee may consider the option of conferring this scholarship/position to suitable candidates for the Philosophy curriculum, according to the merit ranking.

Admission procedure

1. Evaluation of qualifications
To gain access to the written examination, candidates must have attained a minimum score of 12/20 points.

2. Written examination (only for candidates who have passed the evaluation of qualifications)
Language for the written examination: Italian or English (or another language chosen by the candidate among French, German, Spanish if he/she has selected the curriculum in Philosophy)
To gain access to the evaluation of qualifications and oral examination, candidates must have attained a minimum score of 40/60 points.

3. Oral examination (only for candidates who have passed both the evaluation of qualifications and the written examination)
Language for the oral examination: Italian or English (or another language chosen by the candidate among French, German, Spanish if he/she has selected the curriculum in Philosophy)

Foreign language requested:
It is compulsory the knowledge of the English language to get admitted to the curricula in Psychology and Educational Sciences.
It is compulsory the knowledge of one of the following languages: English, French, German, Spanish to get admitted to the curriculum in Philosophy.

Italian and foreign candidates residing in Italy

Foreign candidates and Italian candidates residing abroad

1. Evaluation of qualifications
To gain access to the written examination, candidates must have attained a minimum score of 12/20 points.

2. Written examination
For Italian and foreign candidates residing abroad the written examination will be substituted by the submission of an original Research Project, written in English or Italian, of maximum seven 2,000-character pages including spaces, other than the bibliography, in a research area of interest for the candidate and consistent with the Programme research lines of the PhD Programme. N.B. The Research Project has to be submitted with the Application Form.
To gain access to the oral examination, candidates must have attained a minimum score of 40/60 points.

3. Oral examination (only for candidates who have passed both the evaluation of qualification and the written examination)
Language for the oral examination: English or Italian (or another language chosen by the candidate among French, German, Spanish if he/she has selected the curriculum in Philosophy)
Italian and foreign candidates residing abroad may take the oral examination in
Foreign candidates are not requested to demonstrate a basic knowledge of the Italian language in order to be admitted to the PhD programme. This knowledge will be assessed at the end of the II year of attendance. In this case a Skype contact is required and it has to be indicated on the Application Form.

**Foreign language requested:**
It is compulsory the knowledge of the English language to get admitted to the curricula in Psychology and Educational Sciences.
It is compulsory the knowledge of one of the following languages: English, French, German, Spanish to get admitted to the curriculum in Philosophy.

Foreign candidates are not requested to demonstrate a basic knowledge of the Italian language in order to be admitted to the PhD programme. This knowledge will be assessed at the end of the II year of attendance.

| Written Examination | Place: University of Verona, Department of Human Sciences, “Lettere” building, room T5, via San Francesco 22, Verona  
Date: 3 July, 2019  
Time: 9:30 am |
|---------------------|---------------------------------------------------------------|
| Oral Examination    | Place: University of Verona, Human Sciences PhD students' room, Zorzi building-ground floor, Lungadige Porta Vittoria 17, Verona  
Date: 12 July, 2018  
Time: 9:30 am |
| Evaluation criteria | The evaluation of qualifications is preliminary to the written examination. To gain access to the written examination, candidates must have attained a minimum score of 12/20 points. The evaluation of candidates' qualifications will be made before the written examination and the results will be published as soon as available on the UNIVR web site at the section of the PhD Program web page.  
1. The written examination will be passed with a minimum score of 40/60.  
3. The oral examination will be passed with a minimum score of 40/60. |
| Documents to submit | a. 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)  
b. Curriculum Vitae et studiorum (including research experiences and any publications) (max. score: 8 points)  
c. 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)  
d. Nr. 2 reference letters released by University professors, of whom at least one affiliated to a different University from that in which the candidate graduated (for both foreign and Italian candidates) (max. score: 2 points)  
Max. total score: 20 points |
| Examination topics  | Research topics included in the research areas of the PhD Programme in Human Sciences (link: [http://www.dsu.univr.it/?ent=cs&id=630&tcs=DR&lang=en](http://www.dsu.univr.it/?ent=cs&id=630&tcs=DR&lang=en)) with focus on the topic and scientific field presented by the candidate in the written examination or in the research project submitted. |
| Contacts            | Philosophy curriculum: lorenzo.bernini@univr.it  
Educational Sciences curriculum: chiara.sita@univr.it  
Psychology curriculum: marinella.majorano@univr.it |