



Rectoral Decree

Call for applications for admission to PhD Programmes and for the awarding of 47 additional three year PhD scholarships funded with SEF REACT-EU resources on **Green** and **Innovative** themes in the framework of the **Programma Operativo Nazionale “Ricerca e Innovazione” 2014-2020 - PON**.

PhD courses XXXVII cycle.

ART. 1 – CALL FOR APPLICATIONS

1.1 The University of Verona hereby announces 47 new openings for admission to the 37th cycle of Ph.D. programmes, as provided by the Italian Ministerial Decree no. 1061/2021, hereinafter referred to as “Decree”, related to FSE REACT-EU funding allocated to Universities in order to award PhD scholarships on the topics “Innovation” and “Green”, in the framework of the *Programma Operativo Nazionale Ricerca e Innovazione 2014-2020 - PON* (Azione IV.4 e Azione IV.5).

PHD PROGRAMMES		Additional places funded with a scholarship XXXVII Cycle	
		Green	Innovative
Ph.D.	Biotechnology	23	0
Ph.D.	Informatics	9	1
Ph.D.	Inflammation, Immunity and Cancer	0	1
Ph.D.	Biomolecular Medicine	1	0
Ph.D.	Nanosciences and Advanced Technologies	2	0
Ph.D.	Neuroscience, Psychological and Psychiatric Sciences and Movement Sciences	3	1
Ph.D.	Applied Life and Health Sciences	1	0
Ph.D.	Archaeology, Art History and History	1	0
Ph.D.	European and International Legal Sciences	2	0
Ph.D.	Human Sciences	1	1
Total		43	4

1.2 For each PhD programme listed above, the information relating to the specific constrained topics within which the candidate must develop his/her research project, the criteria for the evaluation of qualifications, the dates of the admission tests, the languages required, the company in which the beneficiary of the scholarship will have to carry out the compulsory period of study and research and the foreign institution in which he/she will have to carry out any mobility period, are listed in *Annex 1 - PhD Programmes Information Sheets*, which constitutes an integral part of this Call.

The Call for Applications is published on the Official University Register (*Albo Ufficiale di Ateneo*) and on the following websites: [Dottorati di Ricerca](#) (available at: Admission to PhD Programmes > Documents > Call for Applications), Italian Ministry of University and Research (MUR), [Euraxess](#) and Official Gazette (*Gazzetta Ufficiale*).

1.3 Any amendments or updates will be published exclusively on the [Dottorati di Ricerca](#) webpage. For all intents and purposes, the examination dates indicated in Annex 1 are to be intended as official notification. Applicants will therefore not receive any further notification regarding the entry examinations.

ART. 2 – ADDITIONAL PHD SCHOLARSHIPS FOR THE XXXVII CYCLE

2.1 The additional three-year PhD scholarships funded within Programma Operativo Nazionale Ricerca e Innovazione 2014-2020 – PON must be considered as additional to the ordinary endowment already assigned under the XXXVII cycle of PhD programmes Call.

Phd Programmes will officially begin on **1st January 2022** and last three years. The final defence of the doctoral thesis must take place within the month of **September** of the year after the conclusion of

the PhD programme. The PhD degree is conferred by the Rector, after the candidate has successfully completed the doctoral programme and passed the final examination.

The awarding of the degree certificate is subject to the submission, by the PhD candidate, of his/her final doctoral thesis to the Verona University Open Archive (IRIS), where it shall be kept available for consultation. The University of Verona shall be responsible for submitting a copy of the doctoral thesis to the National Libraries of Rome and Florence, as specified by law.

ART. 3 – ADMISSION REQUIREMENTS

- 3.1 In order to apply, it is required that applicants, regardless of their age and nationality:
- Hold an Italian university degree such as Laurea magistrale, Laurea specialistica or Laurea “vecchio ordinamento” (before Reform no. 509/1999); or
 - Hold an academic qualification (i.e. Master of Science/Art) awarded by a Higher Education Institution which allows access in the issuing Country to further studies at academic institutions at the PhD level; Professional degrees (e.g.: Master in Business Administration - MBA, Bachelor of Medicine and Bachelor of Surgery - MBBS, ecc.) do not grant access to the PhD programmes.
- 3.2 Applicants who will complete their Master’s degree by **31 October 2021** are also entitled to apply. Their application will be considered as “**provisionally admitted**” and they will be required to submit their degree certificate or a self-certification (only for EU citizens, in accordance with Presidential Decree no. 445 of 28/12/00) to the PhD Office (*Area Ricerca – U.O. Dottorati di Ricerca* dottorati.ricerca@ateneo.univr.it) by 1° November 2021, otherwise their admission will be rejected.
- 3.3 PhD students who are already enrolled in a PhD programme at the University of Verona cannot apply for this Call.
- 3.4 Applicants who already hold a PhD, will not be admitted to any programme with similar research topics. Applicants who have already benefited from a PhD scholarship, regardless of where and when, are not eligible to be granted another scholarship.
- 3.5 All applicants 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 Applicants can submit their application from **11 October 2021 to 27 October 2021 at 12.00 noon (Italian time, GMT+1)**, exclusively using the online form available at www.univr.it/applicationphd.

The applicants have to:

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

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

- 4.2 After filling out the online form, applicants should print a hard copy of it, sign it and send it together with the attachments listed at art. 4.4 and those specified in *Annex 1 - PhD programmes information sheets* **EXCLUSIVELY** by email to phd.selection@ateneo.univr.it by **27 October 2021, 1.00 p.m. (Italian time, GMT+1) otherwise it will be rejected**. All application documents must be submitted in **pdf format** and sent from the applicant’s personal e-mail address, with the following e-mail subject: “*Application for the PhD programme in, Applicant’s name and surname*”. Should the application be submitted in a different way, it will be rejected.

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

In case of large files to be sent, applicants may split their application documents into more than one e-mail message. In this case, the subject should be the same in each e-mail, i.e:

Application for the PhD programme in, Applicant's name and surname – 1st part;

Application for the PhD programme in, Applicant's name and surname – 2nd part; etc.

For technical issues, please contact: phd.support@ateneo.univr.it;

For further information or questions about this Call for Applications, please contact: dottorati.ricerca@ateneo.univr.it.

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

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

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

4.4 Applicants may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme and send it together with the following documentation, otherwise it shall be invalid:

- a. Passport (copy of the front page);
- b. Curriculum Vitae, according to the form attached to this Call (Annex 2);
- c. Master's degree thesis or abstract, and scientific publications, if any;
- d. Research project drawn up according to the structure attached to this Call (Annex 3), developed within the specific constrained topic selected, written in Italian or English of maximum 9.000 characters spaces excluded, bibliography excluded. The presentation of the research project aims to verify the vocation for research and the ability of the candidate to propose an innovative, coherent and autonomous research programme in line with the requested topics;
- e. Annex 4 – Declaration to be completed by the applicant;
- f. Any other specific qualifications required to apply for a specific PhD programme (see *Annex 1 - PhD programmes information sheets*).

Candidates who wish to apply for more than one PhD programme must submit multiple applications, each one to be completed with the required attachments.

Candidates who wish to apply for more than one specific constrained topic within the same PhD Programme, must submit a single application, attaching a specific research project for each topic (Annex 3).

The pdf file containing the research project must be named with the code indicated, for each related topic of interest, in *Annex 1 - PhD programmes information sheets*. For example:
Surname_project_CODXXXX

4.5 All paperwork must be provided in Italian or English or translated into one of the aforementioned languages at the applicant's responsibility. For further information, see *Annex 1 - PhD programmes information sheets*.

ART. 5 – INSTRUCTIONS FOR APPLICANTS HOLDING FOREIGN DEGREES

5.1 Applicants holding a foreign degree must send, other than their application and qualifications required to apply for the selected PhD programme, the following documentation (pdf format) to show that their degree grants access to PhD courses:

- Bachelor's degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);
- Master's degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);

- Diploma Supplement (if available);
- Any other document considered as relevant to evaluate the applicant's academic qualifications.

The official documents listed above, if issued in a language other than Italian or English, must be accompanied by a legal translation in either Italian or English, otherwise the application shall be invalid.

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

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

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

The Decree no. 1061/2021 aims to spread the diffusion of an approach of greater connection between research and industry, through the creation of doctoral programmes focused on topics related to the development of innovation and *Green* issues related to the preservation of the ecosystem, biodiversity, as well as to the reduction of the impacts of climate change and the promotion of sustainable development.

All the PhD Programmes financed within the *Programma Operativo Nazionale Ricerca e Innovazione 2014-2020* imply the involvement of companies in the definition of the training path, through compulsory study and research periods in the company lasting minimum six (6) months up to twelve (12) months. For each research project associated with an additional scholarship, the companies involved in the definition of the training project are listed in *Annex 1 - PhD programmes information sheets*.

For each research project a period of study and research abroad of six (6) months can be provided; the foreign partner institutions for each place are listed in *Annex 1 - PhD programmes information sheets*. Where indicated, this period is considered as mandatory and it must be carried out in the first two years of the PhD Programme.

- 6.3 Applicants with disabilities or specific learning difficulties (SpLDs) should note it in the dedicated section of the online application form, in order to request any special assistance and, if necessary, extra time for the examinations, as stated by Italian Law no. 104/1992 and additions.
- "Applicants with disabilities"* refers to blind applicants (total blindness or a remaining vision of no more than 1/10 in both eyes); deaf applicants (born with impaired hearing or whose hearing loss occurred before they began to speak); applicants with a legal disability of 66% or higher; and applicants with a certificate of disability issued in accordance with Law no. 104/92. The aforementioned disabilities must be certified by the relevant health authority.
- "Applicants with specific learning difficulties (SpLDs)"* refers to applicants 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. Applicants 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 [Inclusion and accessibility Unit](#) (*U.O. Inclusione e Accessibilità*), Via S. Francesco 22, Verona, phone: 0039 045 8028786, office hours: by appointment only, e-mail: inclusione.accessibilita@ateneo.univr.it, before the Call for Applications deadline. The university cannot guarantee to provide the necessary aid in case the documents are sent after the deadline.

6.4 Due to COVID-19 health emergency, the entry examinations will be conducted online via live streaming on Zoom: exam timetables are included in the *Annex 1 - PhD programmes information sheets*.

Possible up-to-date notices regarding the selection procedure will be posted on the PhD Programme webpages.

In order to be correctly identified, applicants will have to show the same ID – identity card, driving licence, passport – they used to register their online application. Applicants will be asked to keep their camera on to allow the Evaluation Panel to identify and see them during the examination.

6.5 A score of at least 40/60 is required to pass the examinations (evaluation of qualifications and oral exam), unless differently specified in *Annex 1 - PhD programmes information sheets*. The evaluation of qualifications score will be added to the oral exam score.

The evaluation of qualifications will be based on the documents submitted by the applicants. If the qualifications score has not already been specified in *Annex 1 - PhD programmes information sheets*, the Entrance Examination Panel will decide the score for each qualification required. The presence of the candidates is not required during the evaluation of qualifications.

The Research Project proposed by the candidate will be evaluated as follows:

- 1) Completeness, innovation and significance of the expected results of the proposed research project;
- 2) Coherence and relevance of the proposed research project to the topic selected by the candidate. Pursuant to art. 3 of D.M. 1061 of 10.08.2021 in the overall evaluation of the applications, in relation to the project proposal submitted by the candidates, the Commissions will also take into account the following criteria

GREEN projects:

- Relevance of the PhD project in relation to the capacity to create high added value through the enhancement of human capital in scientific, social and economic impact on the national territory; encouraging appropriate research models; knowledge and skills exchange in order to develop innovative products and services with low environmental impact that focus on topics about ecosystem preservation, biodiversity, as well as the reduction of climate change impacts and the promotion of sustainable development in order to promote the green recovery and the overcoming of the COVID-19 pandemic effects;

- Compliance of the PhD project with the SNSI and the PNR;

- Measurability of expected results and potential impact of the activities with reference to the REACT-EU goals: presence in the project of quantifiable and measurable targets consistent with the indicators provided by the PON reference action.

INNOVATIVE projects:

- Relevance of the project in relation to the capacity to create high added value in terms of scientific, social and economic impact on the national territory; encouraging appropriate research models and the training of professional profiles in response to the innovation and competitiveness needs expressed by the entrepreneurial system, through the promotion of research on innovation, digital area and enabling technologies, supporting the enhancement of human capital, as a determining factor for the development of research and innovation in Italy.

- Compliance of the PhD project with the SNSI and the PNR, with the aim of promoting innovation and the exchange between the world of research and the productive world and qualification of the contribution of research projects in the fields of innovation;

- Measurability of expected results and potential impact of the activities with reference to the REACT-EU goals: presence in the PhD project of quantifiable and measurable targets consistent with the indicators provided by the PON reference action.

- 6.7 **Applicants will not be notified about the examination results.** The official final rankings, approved by Rector's Decree, will be published and displayed on the Official University Register (*Albo Ufficiale dell'Ateneo*), and on each PhD programme webpage.
Applicants may contest the final ranking after the publication of the selection results. In accordance with Law no. 241/1990 and subsequent additions and modifications, applicants have the right to access the selection records.

ART. 7 – ENTRANCE EXAMINATION PANEL

- 7.1 The Entrance Examination Panels shall consist of three members of the Teaching Committee of the PhD Programme possibly assisted by the representatives of the research specific topics/Development Path/SNSI Thematic Area.
The Examination Panel may – at no additional cost for the University – include up to two Italian or international experts, selected from companies or public or private research entities.
The Examination Panel shall elect its own Chair and Secretary. The Rector's Decrees stating the members of the Examination Panels will be published on each PhD programme webpage, by 28 October 2021.

ART. 8 – ADMISSION TO THE PhD PROGRAMMES

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

In case there were no suitable candidates on one or more research specific topics, the Examination Commission of the PhD programme, may evaluate to grant the position to another eligible candidate ranked in a similar topic of the same Development Path/SNSI Thematic Area. The Commission judgement is unquestionable.

- 8.2 Successful applicants will be *provisionally* enrolled, until their enrolment will be validated by the Italian Ministry of University and Research within the *Programma Operativo Nazionale Ricerca e Innovazione 2014-2020 - PON*. This validation process will be carried out for each PhD programme announced with this Call. In the event of a negative outcome, the scholarship will not be funded and the applicant will be promptly notified. The results of the ministerial assessment will be announced by 31 December 2021.
- 8.3 Successful applicants who are admitted to a PhD programme must submit an enrolment form online following the procedure available at www.univr.it/enrolmentphd within 7 days after the publication of the final rankings in order to register for their PhD programme, under penalty of exclusion.
- 8.4 Should an applicant 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) in the programme, and this place will be reassigned to the next applicant on the merit ranking. The latter will be informed only by email and must enrol by following the procedure described in paragraph 8.3, within three days from the notification.
- 8.5 Applicants are advised that the University is required to check the truthfulness of any information or statement received. Should a declaration be found false or misleading, in addition to the loss of any benefits gained by the applicant on the basis of **a false declaration**, criminal sanctions for false statements and the forgery of documents shall apply (see Art.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 School of Specialist Studies run by the University of Verona are allowed to participate in PhD entrance examinations. Joint attendance is allowed only for candidates enrolled in the final year of a School of Specialist Studies in the Academic Year 2019/2020 (period of reference 1.11.2020 – 31.10.2021 for five years duration, 29.12.2020 – 28.12.2021 for four years

duration).

- 9.2 When enrolling, the aforementioned students must commit themselves to carry out research activities as instructed by the PhD Teaching Committee and provide, by the end of January, a “*Nulla Osta*” signed by the Director of their School of Specialist Studies, confirming that attending the two programmes is sustainable and authorised by the School Council.
- 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. Those scholarship instalments will be made available to the University central administration.
- 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 (related to connections between PhD programmes and Schools of Specialist Studies).

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 (Bachelor, Masters or Postgraduate Specialisation - except in the medical sector, pursuant to Article 9 of this Call, short Masters level I or II, or PhD). In case of double enrolment, the winner will be required, before the beginning of the PhD programme, to choose one among the two programmes. This choice is irrevocable. Double enrolment is not possible until the end of the legal duration of the PhD programme.
- 10.2 In accordance with the D.M. n. 1061 of 10.08.2021, the acceptance of the scholarships subject to this Call requires the carrying out of periods of study and research in a company from a minimum of six (6) months to a maximum of twelve (12) months. The candidate, from the moment of submission of the application, is aware of the need to carry out, in case of assignment of the position, the planned research periods in the company (minimum 6 months, maximum 12) and that non-compliance with the minimum undertaking period will result in the withdrawal of the scholarship.
- 10.3 PhD students’ rights, obligations and incompatibilities are regulated by the [Regulations for PhD Studies](#), available at the webpage Admission to PhD Programmes > Documents > PhD Regulations.

ART. 11 – SCHOLARSHIPS

- 11.1 The annual gross amount of the scholarship is € 15,343.28 and is subject to National Social Security contributions. Scholarships are awarded for the entire duration of the PhD programme (3 years/36 months) and instalments are paid on a monthly basis.
- 11.2 The scholarship will be increased by 50% during the authorised study periods abroad.
- 11.3 Scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the Teaching Committee. In compliance with the Ministerial Decree 1061 of 10 August 2021, applicants are aware that any negative judgment of the Teaching Committee and the consequent non-admission to the following year of the doctoral programme will cause the revocation of the sums already paid for the current year, and that failure to obtain the final degree will cause the revocation of the sums already paid for the last year of the programme.

The revocation of the scholarship with total refund of the amounts paid will apply in case the doctoral course will be carried out without complying with the project admitted for funding, if the necessary authorization from the MUR has not been previously requested and obtained
- 11.4 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 in order to support his/her research activity in Italy and abroad.
- 11.5 PhD scholarships cannot be accumulated with other scholarships, except those granted by national or foreign institutions that allow the student to conduct PhD research abroad.

ART. 12 – STUDY FEES AND CONTRIBUTIONS PAYABLE

- 12.1 Fees and contributions are the following:
Students with a scholarship must pay **€439.00** (€250.00 for tuition fees, €173.00 for regional study tax contributions, and €16.00 for stamp duty using the virtual stamping system) in a single payment; Any changes to the aforementioned amounts will be notified to PhD student in due time.
In case of a negative outcome of the ministerial verification procedure pursuant to art. 8.2 the candidate may request the refund of the amounts paid by way of the registration fee.
- 12.2 Students meeting the following requisites with a legal disability of at least 66% certified by the relevant health authority pursuant to Law no. 104/92 are exempt from paying tuition fees.

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 The University of Verona is the Data Controller of candidates' personal data according to EU Regulation 2016/67; further information about data processing, data recipients, and rights of the data subjects can be found on the University of Verona webpage: <https://www.univr.it/en/privacy>.
- 14.2 Person responsible for administrative proceedings: dott.ssa Maria Gabaldo, Responsabile Area Ricerca, Via S. Francesco n. 22, Verona, phone. 045 8028078, e-mail: dottorati.ricerca@ateneo.univr.it
All matters not specified in this Call for Applications shall be governed by the [Regulations for PhD Studies](#) (available at the webpage: Admission to PhD Programmes > Documents > PhD Regulations) and relevant national laws and regulations.
- 14.3 Further information about the administrative procedure are available on the website, [Dottorati di Ricerca](#) and PhD Programmes webpages and can be requested to the PhD Office:
Area Ricerca – U.O. Dottorati di Ricerca, Via San Francesco no. 22, phone. 00 39 045 8028078, e-mail: dottorati.ricerca@ateneo.univr.it

The official text of this Call for Applications is drawn up in Italian language and available at:

<https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes>

This translation provides a summary in English for information purposes only. In case of discrepancies, the Italian version will prevail.

ANNEX 1

PhD in Biotechnology Coordinator: Professor Matteo Ballottari		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the website of Verona University at the following link: https://www.dbt.univr.it/?ent=cs&id=624&lang=en The Programme activities will be held in English. Candidates can apply for more than one project for the same PhD course	
Places available GREEN THEMES (Azione IV.5): N. 23 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place with a scholarship available		
SNSI Thematic Area Health, nutrition, quality of life		
Development Path: Development of precision agriculture and the agriculture of the future		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: <i>Genetic characterization of grapevine phenology: development and application of tools for breeding genotypes more resilient to climate change and resistant to biotic stress</i> CODE: BIO01 Contact person: Prof.ssa Diana Bellin	Società Agricola Vivai Gozzo di D&D (Verona, Italy)	No
Constrained topic: <i>Improving photosynthesis and plant productivity through synthetic biology approaches.</i> CODE: BIO02 Contact person: Prof. Luca Dall'Osto	Landlab Srl (Vicenza, Italy)	Juelich Phenotyping Centre- Juelich, Germany
Constrained topic: <i>Development of methods based on next-generation sequencing for diagnosis of quarantine pathogens</i> CODE: BIO03 Contact person: Prof. Massimo Delledonne	VIVAI NORD Snc (Como, Italy)	No
Constrained topic: <i>Manipulation of the symbiotic microbiota of pests for the development of sustainable defence strategies in the agri-food chain</i> CODE: BIO04 Contact person: Prof.ssa Giovanna Felis	AGREIA SrL (Verona, Italy)	University of Antwerp (Belgium)

ANNEX 1

<p>Constrained topic: Characterization of biodiversity of wheat Organic Heterogeneous Material (OHM) for the valorization of marginal lands and the adaptability to climatic changes CODE: BIO05 Contact person: Prof.ssa Antonella Furini</p>	<p>Open Fields SrL (Parma, Italy)</p>	<p>No</p>
<p>Constrained topic: Indoor farming technology for the massive production of officinal species with high title of active compounds and zero residue CODE: BIO06 Contact person: Prof.ssa Flavia Guzzo</p>	<p>Sunspring SRL (Milano, Italy)</p>	<p>No</p>
<p>Constrained topic: Integrated approaches to increase quality and resilience to stress in horticultural species CODE: BIO07 Contact person: Prof.ssa Barbara Molesini</p>	<p>ISI Sementi SpA (Fidenza, Italy)</p>	<p>No</p>
<p>Constrained topic: Application of proximal and remote sensing for the rational use of resources in viticulture and the mitigation of the effects of climate change on grape ripening and postharvest drying CODE: BIO08 Contact person: Prof. Giovanni Battista Tornielli</p>	<p>Bolla SpA (Verona, Italy)</p>	<p>No</p>
<p>Constrained topic: Adapting to climate change in DOCG wine production areas: approaches based on identification of chemical markers of sensory typicality and implementation of database-driven mitigation approaches CODE: BIO09 Contact person: Prof. Maurizio Ugliano</p>	<p>Consorzio tutela vini Valpolicella (Verona, Italy)</p>	<p>Université de Bordeaux 2 (France) Institut de Science de la Vigne et du Vin (ISVV)</p>
<p>Constrained topic: The “One-Health” concept applied to kiwifruit cultivation: Innovative approaches for disease management and fruit quality improvement CODE: BIO10 Contact person: Prof.ssa Elodie Genevieve Vandelle</p>	<p>Zespri Fresh Produce Italy Srl (Bologna, Italy)</p>	<p>Zespri Group limited (Nuova Zelanda)</p>
<p>Constrained topic: Biotechnological approaches for the synthesis of natural iron chelators and hormone-like molecules for a sustainable correction of chlorosis in agricultural crops. CODE: BIO11 Contact person: Prof. Zamboni Anita</p>	<p>Fabbrica Cooperativa Perfosfati Cerea (Verona), Italy</p>	<p>No</p>
<p>Constrained topic: Use of entomopathogens, natural and</p>	<p>CBC Europe Srl (Bergamo, Italy)</p>	<p>CBC Iberia Biogard Division, Contract Research Center,</p>

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<p><i>semiochemical limiters for the biocontrol of recently introduced invasive phytophagous species</i> CODE: BIO12 Contact person: Prof. Nicola Mori</p>		Barcelona, Spain
Development Path: Nutraceuticals, Nutrigenomics and Functional Foods		
<p>Constrained topic: <i>Design of new ingredients and food products with improved health value</i> CODE: BIO13 Contact person: Prof. Sandra Torriani</p>	PROBIOTICAL RESEARCH srl (Novare, Italy)	Teagasc Moorepark Food Research Centre, Fermoy, Co. Cork, Irlanda
<p>Constrained topic: <i>Sustainable valorization of agro-food industry by-products for development of ingredients and functional foods</i> CODE: BIO14 Contact person: Prof.ssa Barbara Simonato</p>	MACINAZIONE Lendinara Spa Unipersonale (Lendinara, Rovigo, Italy)	CENTRE OF Research and Development in Food criotechnology (CIDCA) La Plata, Argentina
<p>Constrained topic: <i>New biotechnological approaches to produce molecules of nutraceutical interest by microalgae cultivation</i> CODE: BIO15 Contact person: Prof. Matteo Ballottari</p>	Algae S.p.a.(Modena, Italy)	No
SNSI Thematic Area Smart and sustainable industry, energy and the environment		
Development Path: Technologies for smart grids, renewable energy and distributed generation		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
<p>Constrained topic: <i>Study of a biological process for the combined production of hydrogen and methane and injection into the gas grid</i> CODE: BIO16 Contact person: Prof. David Bolzonella</p>	Tonello Energia S.r.L (Breganze, Vicenza, Italy)	Universitat di Barcellona (Spain)
Development Path: Systems and technologies for water and waste treatment		
<p>Constrained topic: <i>Anaerobic biological processes for the carbon negative treatment of industrial wastewater and liquid waste with production of building blocks and biofuels</i> CODE: BIO17 Contact person: Prof. David Bolzonella</p>	Bioreal Srl (Treviso, Italy)	NOVA School of Science and Technology of Lisbon (Portugal)
Development Path: Technologies for biomaterials and biobased products and biorefineries		
<p>Constrained topic: <i>Recovery of biofuels, biobased products and nutrients in agricultural biogas plants</i> CODE: BIO18</p>	Biogas Refine Development Srl (Padova, Italy)	Danish Technical University Copenhagen (DK)

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Contact person: Prof. David Bolzonella		
<i>Expression of enzymatic proteins with hyperthermophilic properties in unicellular algae and development of large-scale biomass selection and growth systems</i> CODE: BIO19 Contact person: Prof. Roberto Bassi	Emerzyme Srl (Avesa, Verona, Italy)	Cebitech - Universität Bielefeld, Germany
Constrained topic: <i>Production of customized plastic biopolymers driven by enzymatic catalysis</i> CODE: BIO20 Contact person: Prof. Salvatore Fusco	Biosphere srl (Cesena, Italy)	Molecular Enzymology Group, Groningen Biomolecular Sciences and Biotechnology Institute (GBB), University of Groningen, Netherlands
Constrained topic: <i>Microbially synthesized nanomaterials for industrial applications as antibiofilm agents</i> CODE: BIO21 Contact person: Prof.ssa Silvia Lampis	Nanomonia Srl (Zevio Verona , Italy)	Biofilm Research Group, Department of Biological Sciences, University of Calgary, Calgary, AB, Canada
Development Path: Innovative production processes with high efficiency and for industrial sustainability		
Constrained topic: <i>Development of innovative and sustainable processes for the industrial cultivation of horticultural plants vertical farming systems reducing carbon and water footprints of the final products</i> CODE: BIO22 Contact person: Prof. Matteo Ballottari	Ono Exponential Farming (Verona, Italy)	No
Development Path: Systems and technologies for the remediation of contaminated sites and the decommissioning of nuclear plants		
Constrained topic: <i>Study on the ability of microbial environmental strains from contaminated sites to biotransform/biodegrade perfluoroalkylic substances (PFAS) in order to develop new strategies for the bioremediation of PFAS polluted waters and soils</i> CODE: BIO23 Contact person: Prof.ssa Silvia Lampis	Ambiente SpA (Carrara, MS, Italy)	IHE Delft Institute for Water Education - Delft The Netherlands
Admission procedure	<ul style="list-style-type: none"> Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) Oral examination (score: min 40, max 60 points) Language for the oral examination: Italian or English <ul style="list-style-type: none"> English language skills are required. 	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call. Date: November 8 th and 9 th , 2021 Time: 9.00	

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Evaluation criteria	<p>In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.</p> <p>The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.</p> <p>There will be different merit ranking according to each different project for this call.</p>
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none">• Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 10 points• Graduation Thesis: max. 5 points• Curriculum Vitae et Studiorum: max. 20 points• Scientific publications: max. 5 points• Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project: max 20 points <p>Total qualifications score: 40/60</p>
Examination topics	<ul style="list-style-type: none">• The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.

PhD in Inflammation, Immunity and Cancer Coordinator: Prof.ssa Gabriela Constantin		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.dm.univr.it/?ent=cs&id=627&tcs=DR&lang=en The Programme activities will be held in English.	
Places available for INNOVATIVE THEMES (Azione IV.4): N. 1 Path focused on the theme of innovation, enabling technologies and digital theme, such as interventions to enhance the human capital of the world of research and innovation For each project there is one place with a scholarship available		
SNSI Thematic Area Health, nutrition, quality of life		
Development Path 1: Regenerative, predictive and personalized medicine Development Path 2: Nutraceuticals, nutrigenomics and functional foods		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Multidisciplinary lifestyle intervention to modulate patients’ immune status and immunotherapy treatment outcome in lung cancer: The TIPTAP study. CODE: IIC01 Contact person: Prof. Michele Milella	Exipharma Research and Development S.r.l. (Padova, Italy)	No
Admission procedure	<ul style="list-style-type: none"> Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) Oral examination (score: min 40, max 60 points) Language for the oral examination: English <ul style="list-style-type: none"> English language skills are required. 	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call. Date: to be fixed Time: to be fixed	
Evaluation criteria	In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.	
Qualifications subject to	<ul style="list-style-type: none"> Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. points 10 	

<p>evaluation and respective score</p>	<ul style="list-style-type: none"> • Graduation Thesis: max. points 5 • Curriculum Vitae et Studiorum: max. points 5 • Scientific publications: max. points 5 • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max points 35 <p>Total qualifications score: 40/60</p>
<p>Examination topics</p>	<p>The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.</p>

Ph.D. in Computer Science Coordinator: Professor Massimo Merro		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.di.univr.it/?ent=cs&id=635&tcs=DR&lang=en The Programme activities will be partially held in English. Candidates can submit one application for the same PhD course	
Available places for INNOVATIVE THEMES (Action IV.4): N. 1 Path focused on the theme of innovation, enabling technologies and digital theme, such as interventions to enhance the human capital of the world of research and innovation For each project listed below there is one place with a scholarship available		
SNSI Thematic Area Health, Nutrition, Quality of Life		
Development Path: E-health, advanced diagnostics, medical devices and mini invasiveness		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: <i>Development and validation of advanced diagnostic tools to improve the characterization of brain connectivity in pathological conditions</i> CODE: INFO01 Contact person: Prof. Alessandro Daducci	F. Hoffmann-La Roche AG (Basel, Switzerland)	Translational Imaging in Neurology (ThINk) group Department of Biomedical Engineering University of Basel (Switzerland)
Available places for GREEN THEMES (Action IV.5): N. 9 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project there is one place with a scholarship available		
SNSI Thematic Area Digital Agenda, Smart Communities, Intelligent Mobility Systems		
Development Path: Systems for the safety of the urban environment, environmental monitoring and prevention of critical or risk events		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: <i>Integration of services to the citizens to facilitate correct separate collection of urban waste</i> CODE: INFO02 Contact person: Dott. Mariano Ceccato; Prof. Massimo Merro	AMIA Verona S.p.A. (Verona, Italia)	Università della Svizzera Italiana a Lugano (Svizzera)
Development Path: Evolutionary and adaptive production systems for customized production		

<p>Constrained topic: <i>Design and implementation of cheminformatics and artificial intelligence methods for the prediction and analysis of air pollutants antagonists for neurodegenerative diseases</i> CODE: INFO03</p> <p>Contact person: Prof.ssa Rosalba Giugno</p>	<p>Fondazione Ri.MED (Palermo, Italy)</p>	<p>University of Easter Finland</p>
SNSI Thematic Area: Smart and sustainable industry, energy and the environment		
Development Path: Innovative production processes with high efficiency and for industrial sustainability		
<p>Constrained topic: <i>Management of reconfigurable manufacturing system through predictive algorithms, with application to the fast fashion market</i> CODE: INFO04</p> <p>Contact person: Prof. Marco Cristani; Prof. Franco Fummi</p>	<p>SYS-DAT S.p.A. (Milano, Italy)</p>	<p>University of Glasgow, Dept. Of Computer Science, UK</p>
<p>Constrained topic: <i>Optimizing energy efficiency in robotics leveraging on hybrid gravity compensation systems</i> CODE: INFO05</p> <p>Contact person: Dott. Andrea Calanca</p>	<p>Plumake S.r.l (Grezzana, Verona, Italy)</p>	<p>University of Sao Paulo, Brasil University of Twente, Netherlands (Option 1) German Aerospace Center (DLR) (Option 2)</p>
<p>Constrained topic: <i>Green AI for carbon footprint and environmental sustainability automated verification</i> CODE: INFO06</p> <p>Contact person: Prof. Matteo Cristani</p>	<p>CSQA s.r.l. Thiene (Vicenza, Italy)</p>	<p>INSTITUTE FOR INTEGRATED AND INTELLIGENT SYSTEMS, Griffith University, Brisbane, Australia</p>
SNSI Thematic Area : Health, Nutrition, Quality of Life		
Development path: Development of precision agriculture and the agriculture of the future		
<p>Constrained topic: <i>Towards a green digital twin: modelling of non-deterministic complex processes for validation, prediction and control in smart farming</i> CODE: INFO07</p> <p>Contact person: Prof. Davide Quaglia; Prof. Riccardo Muradore; Prof. Tiziano Villa</p>	<p>Horta S.r.l. (Piacenza, Italy)</p>	<p>TU Eindhoven, Paesi Bassi (The Netherlands)</p>
<p>Constrained topic: <i>Robotics and Artificial intelligence for the agriculture of the future</i> CODE: INFO08</p> <p>Contact person: Prof. Riccardo Muradore</p>	<p>Oliver Agro S.r.l. (Engazzà di Salizzole, Verona, Italy)</p>	<p>Karlsruher Institut fuer Technologie (KIT), Germany</p>
Development Path: E-health, advanced diagnostics, medical devices and mini invasiveness		

<p>Tematica vincolata: AI4Health: empowering Telemedicine through explainable AI methods for personalized diagnosis, monitoring and treatment CODE: INFO09</p> <p>Contact person: Prof.ssa Gloria Menegaz</p>	<p>EBNeuro S.p.A. (Firenze, Italy)</p>	<p>Tri-Institutional Center for Translational Research in Neuroimaging and Data Science (TReNDS), Georgia State</p>
<p>Development Path: Activity & healthy ageing: technologies for active aging and home care.</p>		
<p>Tematica vincolata: Green telemedicine: energy efficient healthcare monitoring CODE: INFO10</p> <p>Contact person: Prof. Graziano Pravadelli; Prof. Nicola Bombieri</p>	<p>EDALab s.r.l. (Verona, Italy)</p>	<p>University of North Carolina at Chapel Hill</p>
<p>Admission procedure</p>	<p>Italian and foreign candidates</p> <ul style="list-style-type: none"> • Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) • Oral examination (score: min 40, max 60 points) <p>Language for the oral examination: English</p> <ul style="list-style-type: none"> • English language skills are required. 	
<p>Oral Examination</p>	<p>Place: The oral examination will be held by telematic means, through Zoom. Instructions and the link for the connection will be provided after the Call's deadline. Date: to be fixed Time: to be fixed</p>	
<p>Evaluation criteria</p>	<p>In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. There will be different merit ranking according to each different project for this call.</p>	
<p>Qualifications subject to evaluation and respective score</p>	<ul style="list-style-type: none"> • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. points 10 • Graduation Thesis: max. points 5 • Curriculum Vitae et Studiorum: max. points 10 • Scientific publications: max. points 5 • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max points 30 <p>Total qualifications score: max 60</p>	
<p>Examination topics</p>	<p>The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.</p>	

PhD in Biomolecular Medicine Coordinator: Professor Massimo Donadelli		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.dm.univr.it/?ent=cs&id=626&lang=en The Programme activities will be held in English.	
Places available for GREEN THEMES (Azione IV.5): N. 1 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place with a scholarship available		
SNSI Thematic Area: Health, nutrition and quality of life		
Development Path: Biotechnology, bioinformatics and pharmaceutical development		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Polyphenylpropanoid glycosides encapsulation in nanovesicles: a strategy to improve their activity and delivery efficiency for skin diseases prevention and treatment CODE: MEDBIOM01 Contact person: Prof.ssa Marta Vittoria Menegazzi	Nanomnima srl (Campagnola di Zevio, Verona, Italy)	No
Admission procedure	<ul style="list-style-type: none"> Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) Oral examination (score: min 40, max 60 points) Language for the oral examination: Italian or English English language skills are required.	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call Date: November 9 th 2021 Time: 10.00	
Evaluation criteria	In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.	
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 30 points Graduation Thesis: max. 0 points 	

	<ul style="list-style-type: none"> • Curriculum Vitae et Studiorum: max. 3 points • Scientific publications: max. 2 points • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max 25 points <p>Total qualifications score: 40/60</p>
Examination topics	The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.

PhD in Nanoscience and Advanced Technologies Coordinator: Professor Adolfo Speghini		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.ddsp.univr.it/?ent=cs&id=628&lang=en The Programme activities will be totally held in English. Candidates can submit only one application for the same PhD course	
Places available for GREEN THEMES (Azione IV.5): N. 2 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place with a scholarship available		
SNSI Thematic Area Smart and sustainable industry, energy and the environment		
Development Path: Technologies for smart grids, renewable sources and distributed generation		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Alternative materials based solar cells for low cost and high efficiency with pulsed electron deposition CODE: NANO01 Contact person: Prof. Alessandro Romeo	Noivion s.r.l. (Trento, Italy)	EMPA-Swiss Federal Laboratories for Materials Science
Development Path: Innovative and environmentally friendly materials		
Constrained topic: Innovative and eco-friendly inorganic-based nanomaterials for sustainable energy production CODE: NANO02 Contact person: Prof. Adolfo Speghini	Nanomnia S.r.l. (Campagnola di Zevio, Verona, Italy)	No
Admission procedure	Candidati Italiani e stranieri <ul style="list-style-type: none"> • Evaluation of qualifications • Oral examination Language for the oral examination: English <ul style="list-style-type: none"> • English language skills are required. 	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call Date: to be fixed Time: to be fixed	
Evaluation criteria	In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.	

	<p>The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination, after the oral examination, in order to draw up the final merit ranking.</p> <p>There will be different merit ranking according to each different project for this call.</p>
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 20 points • Graduation Thesis: max. 10 points • Curriculum Vitae et Studiorum: max. 10 points • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max. 20 points <p>Total qualifications score: 40/60</p>
Examination topics	<p>The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.</p>

PhD in Neuroscience, Psychological and Psychiatric Sciences, and Movement Sciences Coordinator: Professor Michela Rimondini		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.dnbm.univr.it/?ent=cs&id=820&tcs=DR%20(&lang=en (PhD programmes) https://www.dnbm.univr.it/?ent=iscrizioneecs&cs=820&lang=en (Enrolment Policy) The Programme activities will be held in Italian and partially in English. Candidates can submit more than one application for the same PhD course	
Places available for INNOVATIVE THEMES (Azione IV.4): N. 1 Path focused on the theme of innovation, enabling technologies and digital theme, such as interventions to enhance the human capital of the world of research and innovation For each project listed below there is one place with a scholarship available		
SNSI Thematic Area Health, nutrition, quality of life		
Development Path: E-health, advanced diagnostics, medical devices and mini invasiveness		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Digital telemedicine in improving health, social and economic outcomes in patients with Functional MotorDisorders CODE: NEURO01 Referee: Prof.ssa Marialuisa Gandolfi	daVi DigitalMedicine srl (Verona, Italy)	Neurosciences Research centre, Molecular and Clinical Sciences research Institute St. George’s University of London (UK)
Places available GREEN THEMES (Azione IV.5): N. 3 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is a place with a scholarship available		
SNSI Thematic Area Health, nutrition, quality of life		
Development Path: Active & healthy aging: technologies for active aging and home care		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Cardiovascular, neurosensorial and cognitive effects of nature exposure in bedridden oldest-old: can virtual reality surrogate the in vivo experience? CODE: NEURO02 Referee: Prof. Massimo Venturelli	Centro Servizi Clinica Pederzoli (Verona, Italy)	University of Strasbourg; UNISTRA · Faculté des sciences du sport (STAPS), France
Development Path: Regenerative, predictive and personalized medicine		

TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Optimisation of postural monitoring tools and aids through statistical and biomechanical models with the purpose of limiting the damages due to sedentariness and western lifestyle, promoting the knowledge of physical activity, ergonomics, medicine of wellness. CODE: NEURO03 Referee: Prof.ssa Paola Cesari	LABOFMOVE S.R.L. di Picotti Pietro Maria (Verona, Italy)	Kinesiology Department Penn State University, USA
SNSI Thematic Area Digital Agenda, Smart Communities, Intelligent Mobility Systems		
Development Path: Smart urban mobility systems for logistics and people		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Strategies and incentive effects for companies to use e-bikes in favor of workers CODE: NEURO04 Referee: Prof.ssa Barbara Pellegrini	Dolomiti Energia Solutions srl (Trento, Italy)	EPSI - The European Platform for Sport Innovation- Rue Joseph II, 40 – Brussels
Admission procedure	Candidati Italiani e stranieri <ul style="list-style-type: none"> Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) Oral examination (score: min 40, max 60 points) Language for the oral examination: Italian or English <ul style="list-style-type: none"> English language skills are required. 	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call. Date: November 5 th 2021 Time: 9.00	
Evaluation criteria	In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. There will be different merit ranking according to each different project for this call.	
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 8 points Graduation Thesis: max. 3 points Curriculum Vitae et Studiorum: max. 9 points (see https://www.dnbm.univr.it/?ent=iscrizioneecs&cs=820&lang=en) Scientifica publications: max. 10 points Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the research project): max. 30 points Total qualifications score: min 40/60	

Examination topics	The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
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Ph.D. programme in Applied Life and Health Sciences Coordinator: Professor Giovanni Malerba		
Programme duration	1° January 2022 – 31 December 2024 Thesis defence: by September 2025	
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 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=cs&id=634&lang=en The program activities will be partially held in English	
Available places for GREEN THEMES (Action IV.5): N. 1 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project there is one place with a scholarship available		
SNSI Thematic Area Digital Agenda, Smart Communities, Intelligent Mobility Systems		
Development Path: Systems for the safety of the urban environment, environmental monitoring and prevention of critical or risk events		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Development and application of prediction models of pollen concentrations aimed at planning interventions to mitigate the impact of climate change on human health CODE: SAVS01 Referee: Dott. Alessandro Marcon	ARIANET s.r.l. (Milano, Italy)	Universidad Politécnica de Madrid (Escuela Técnica Superior De Ingeniería Aeronáutica Y Del Espacio)
Admission procedure	<ul style="list-style-type: none"> Evaluation of qualifications Oral examination Language for the oral examination: Italian or English <ul style="list-style-type: none"> English language skills are required 	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call Date: to be defined Time: to be defined	
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, after the oral examination, in order to draw up the final merit ranking.	
Documents to be submitted and relative scores	<ul style="list-style-type: none"> 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: 15 points) Graduation thesis (max. score: 5 points) 	

	<ul style="list-style-type: none"> • Curriculum Vitae et studiorum (max. score: 5 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: 2 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) • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the research project) (max score: 20 points) <p>Max. total score: 60 points</p>
Examination topics	The oral exam includes the discussion of the reseach project and of the subjects relating to the research lines of the doctorate.

PhD in Archaeology, Art History and History Coordinator: Professor Attilio Mastrocinque		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.dcuci.univr.it/?ent=cs&id=958&lang=en The Programme activities will be held in Italian, but some activities can be held in English	
Available places for GREEN THEMES (Azione IV.5): N. 1 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place available		
SNSI Thematic Area Tourism, cultural heritage and the creativity industry		
Development Path: Technologies and applications for the conservation, management and enhancement of cultural, artistic and landscape heritage		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Anthropogenic impact and paleoenvironmental implications.Fauna as an indicator of environmental sustainability CODE: SCAR01 Contact person: Dott.ssa Mara Migliavacca, Prof. Massimo Delledonne	Centro Agricoltura Ambiente Giorgio Nicoli (Bologna, Italy)	NO
Admission procedure	1. Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points) 2. Oral examination (score: min 40, max 60 points) Language for the oral examination: Italian (for foreign students: English or French) 3. English language skills are required.	
Oral Examination	Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call. Date: November 5 th 2021 Time: 9.00 a.m.	
Evaluation criteria	In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.	
Qualifications subject to	<ul style="list-style-type: none"> • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 5 points 	

evaluation and respective score	<ul style="list-style-type: none"> • Curriculum Vitae et Studiorum: max. 15 points • Scientific publications: max. 10 points • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max 30 points <p>Total qualifications score: 60/60</p>
Examination topics	<ul style="list-style-type: none"> • The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.

Ph.D. Programme in European and International Legal Sciences Coordinator: Professor Giovanni Rossi		
Programme duration	1 st January 2022 – 31 st December 2024; Thesis Defence: by September 2025	
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.	
Programme learning objectives and language	Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the Verona University website: http://www.dsg.univr.it/?ent=cs&id=625&lang=en The programme activities will be held mainly in Italian, and partially in English, Spanish, Portuguese, French and German. Candidates can apply for more than one project for the same PhD programme	
Places available for GREEN THEMES (Azione IV.5): N. 2 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place available		
SNSI Thematic Area: Digital Agenda, Smart Communities, Intelligent Mobility Systems		
Development Path: Technologies for smart building, energy efficiency, environmental sustainability		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: The public lighting service and its economic and environmental sustainability. The role of CAM (Minimum Environmental Criteria) in the light of the Public Contracts Code Code: GIURI01 Contact person: Prof. Jacopo Bercelli	AGSM Lighting (Verona, Italy)	NO
SNSI Thematic Area: Smart and sustainable industry, energy and the environment		
Development Path: Water e waste treatment system and technologies		
Constrained topic: The role of the regions, local authorities and their in-house operators of the integrated water service in promoting the sustainable use of public water Code: GIURI02 Contact person: Prof. Jacopo Bercelli	Acque Veronesi s.c.a.r.l. (Verona, Italy)	NO
Admission procedure	1) Evaluation of qualifications and research project (score: min 42, max 70 points) . To give access to the oral examination candidates must have attained a minimum score of 42/70 2) Oral examination (score: min 18, max 30 points) . To succeed in the oral examination, candidates shall obtain the score of at least 18/30 points. Language for the oral examination: Italian and/or English The knowledge of at least one of the following languages is mandatory and will be tested during the oral examination: <ul style="list-style-type: none"> • English 	

	<ul style="list-style-type: none"> • French • Spanish <p>The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.</p> <p>There will be different merit ranking according to each different project for this call.</p>
Evaluation of qualifications and research project	<p>Date: 8 november 2021</p> <p>Time: 10.30 a.m.</p> <p>Presence of candidates is not required at this stage.</p> <p>The results will be published on the Ph.D. Programme web page.</p>
Oral examination	<p>Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call.</p> <p>Date: 9 November 2021</p> <p>Time: 10.30 a.m.</p>
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> • <i>Curriculum vitae et studiorum</i> with Degree Certificate and exams taken with related mark and list of scientific publications: max. 10 points • Copy of scientific publications (maximum no. 5): max. 6 points • Other qualifications that could be considered relevant for the evaluation: max. 4 points • Original research project written in English or Italian, in the thematic area and development path of the chosen place of interest for the candidate, with a maximum length of 9.000 characters (otherwise it shall be considered invalid), spaces and bibliography excluded (cfr. Annex 3 for further information of the project structure): max 50 points <p>Score: min. 42, max 70.</p>
Examination topics	<p>The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate. During the oral examination will be ascertained the knowledge of a foreign language chosen by the candidate among English, Spanish, French.</p>

PhD in Human Sciences Coordinator: Prof.ssa Manuela Lavelli		
Programme duration	1° January 2022 – 31 December 2024 Thesis discussion: by September 2025	
Admission requirements	_“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.); _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999; _or equivalent foreign degree.	
Programme learning objectives and language	Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link: https://www.dsu.univr.it/?ent=cs&id=630&lang=en The Programme activities will be held in Italian and in English Candidates can submit one application for the same PhD course	
Places available for INNOVATIVE THEMES (Azione IV.4): N. 1 Path focused on the theme of innovation, enabling technologies and digital theme, such as interventions to enhance the human capital of the world of research and innovation For each project listed below there is one place with a scholarship available		
SNSI Thematic Area: Tourism, cultural heritage and the creativity industry		
Development Path: Technologies and applications for the conservation, management and enhancement of cultural, artistic and landscape heritage		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: When Artificial Intelligence meets art: emerging technologies used as materials for creation and accessibility to cultural heritage CODE: SCUM01 Contact person: Prof. Markus Georg Ophaelders	Meet Digital Communication srl (Milano, Italy)	Freie Universität Berlin (Germany)
Places available for GREEN THEMES (Azione IV.5): N. 1 Path focused on issues related to ecosystem conservation, biodiversity, as well as reducing the impacts of climate change and promoting sustainable development For each project listed below there is one place with a scholarship available		
SNSI Thematic Area: Smart and sustainable industry, energy and the environment		
Development Path: Evolutionary and adaptive production systems for customized production		
TITLE	COMPANY	MOBILITY ABROAD (6 months)
Constrained topic: Ecological transition and social innovation: Hybridization of fashion supply chains in the Made in Italy ecosystem as a model for territorial sustainability CODE: SCUM02 Contact person: Prof.ssa Antonietta De Vita	Fair Coop. Soc. (Genova, Italy) Quid Coop. Soc. (Verona, Italy)	Clean Clothes Campaign (Amsterdam) EADA Business School (Barcelona)

Admission procedure	<p>1. Evaluation of qualifications and research project (score: min 40 to access the oral examination, max 60 points)</p> <p>2. Oral examination (score: min 40, max 60 points)</p> <p>Language for the oral examination: Italian and/or English.</p> <p>The knowledge of the English language is mandatory and it will be assessed during the oral examination</p>
Oral Examination	<p>Place: The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call.</p> <p>Date: 5th November 2021</p> <p>Time: 9.00</p>
Evaluation criteria	<p>In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.</p> <p>The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.</p> <p>There will be different merit ranking according to each different project for this call.</p>
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: max. 6 points • Curriculum Vitae et Studiorum (including research experiences and any publications and certification of the level of the English knowledge): max. 10 points • Candidate's letter of motivation including a brief report explaining the candidate's scientific interests (max. 5,000 characters, spaces included) max. 4 points • Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max 40 points <p>Total qualifications score: 40/60</p>
Examination topics	<p>The oral exam includes the discussion of the research project and of its thematic path, relating to the research areas of the doctorate in Human Sciences.</p>

C U R R I C U L U M V I T A E

NAME AND SURNAME

<p>PICTURE (OPTIONAL)</p>	<p>PERSONAL DETAILS</p> <p>Address</p> <p>Telephone</p> <p>Fax</p> <p>E-mail</p> <p>Skype</p>
<p>CURRENT POSITION</p>	
<p>EDUCATION</p>	
<p>SCIENTIFIC AFFILIATIONS</p>	
<p>AREAS OF RESEARCH</p>	
<p>INTERNATIONAL EXPERIENCES AND COLLABORATIONS</p>	

<p>PUBLICATIONS</p>	<ul style="list-style-type: none"> • International Journals with Impact factor • Peer-reviewed Journals (Embase, Medline, Psychological Abstracts, Psycho/Info) • Other Publications, including non-peer reviewed journals 		
<p>SCIENTIFIC CONFERENCES (Please specify if presenter or co-author)</p>	<ul style="list-style-type: none"> • Oral Presentations • Posters presentation 		
<p>AWARDS</p>			
<p>LANGUAGES (Common European Framework Of Reference For Languages)</p>			
<p>Reading</p>			
<p>Writing</p>			
<p>Speaking</p>			
<p>COMPUTER</p>			
<p>Programming Language</p>			
<p>Software</p>			
<p>Lab Instruments experience</p>			
<p>Other Titles</p>			
<p>Hobbies and Interests</p>			



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Annex 3 – Research Project

Call for applications for admission to PhD Programmes and for the awarding of 47 additional three-year PhD scholarships funded with SEF REACT-EU resources on **Green** and **Innovative** themes,
Programma Operativo Nazionale “Ricerca e Innovazione” 2014-2020 - PON

PhD courses XXXVII cycle

Candidate's name and surname _____

PhD programme in _____

SNSI Thematic Area 2014-2020: _____

Development Path _____

Constrained topic within which the candidate must present his/her research project:

Code _____

Research Project proposed by the candidate (*the research project, developed within the specific constrained topic of interest reported above, written in Italian or English, should have a maximum length of 9.000 characters (spaces excluded, bibliography excluded) and should be drawn up according to the following structure:*

1. Brief introduction which introduces the research in the national/international scientific context making clear the coherence with the constrained topic of interest;
2. Scientific assumptions and methods through which the research will be developed;
3. Objectives, expected results and social and economic impact in Green or innovative sector
4. Bibliography

IMPORTANT: For **GREEN themes** the candidate will be required to make clear the coherence of his/her research project with the chosen constrained topic, its Development Path and SNSI Thematic Area 2014-2020, underlining the potential economic, social and scientific impact with particular reference to develop innovative products and services with low environmental impact that focus on topics about ecosystem preservation, biodiversity, as well as the reduction of climate change impacts and the promotion of sustainable development in order to promote the green recovery and the overcoming of the COVID-19 pandemic effects.

IMPORTANT: For **INNOVATIVE** the candidate will be required to make clear the coherence of his/her research project with the chosen constrained topic, its Development Path and SNSI Thematic Area 2014-2020 with particular reference to the capacity to create high added value in terms of scientific, social and economic impact on the national territory; encouraging appropriate research models and the training of professional profiles in response to the innovation and competitiveness needs expressed by the entrepreneurial system, through the promotion of research on innovation, digital area and enabling technologies.



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Call for applications for admission to PhD Programmes and for the awarding of 47 **additional** three-year PhD scholarships funded with SEF REACT-EU resources on **Green** and **Innovative** themes in the framework of the **Programma Operativo Nazionale Ricerca e Innovazione 2014-2020 - PON**
PhD courses XXXVII cycle

Declaration

According to the Ministry of University and Research Decree 1061 of 10th August 2021, the undersigned _____ born in _____ on _____ hereby declares to be aware that:

- 1) it is not possible to be simultaneously enrolled in more than one study programme that leads to the awarding of a degree (Bachelor, Masters or Postgraduate Specialisation - except in the medical sector, pursuant to Article 9 of this Call - short Masters level I or II, or PhD). In case of double enrolment, before the beginning of the PhD programme, he / she will be required to choose one of the two programmes. This choice is irrevocable. Double enrolment is not possible until the end of the legal duration of the PhD programme;
- 2) the acceptance of a scholarships announced in the framework of the present Call requires the carrying out of periods of study and research in a company from a minimum of six (6) months to a maximum of twelve (12) months and that non-compliance with the minimum undertaking period will result in the withdrawal of the scholarship;
- 3) where foreseen, the period of mobility abroad must be intended as mandatory and it must be carried out within the first two years of attendance.
- 4) scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the PhD programme Teaching Committee.
- 5) the negative judgement of the PhD programme Teaching Committee and the subsequent non-admission to the following year, will cause the revocation of the sums already paid for the current year;
- 6) failure to complete the PhD programme and to obtain the PhD degree will cause the revocation of the scholarship with the refund of all amounts received during the last year of attendance.
- 7) revocation of the PhD scholarship with total refund of the amounts paid will apply in case the programme is carried out without complying with the project admitted to funding, if the necessary authorization from MUR has not been previously requested and obtained.

and commits to observe what reported above in case he / she results as a winner of a scholarship announced in the framework of the present Call.

Date and Signature
