



UNIVERSITÀ DEGLI STUDI DELL'AQUILA
Amministrazione centrale
Area Ricerca e Trasferimento Tecnologico
Settore Dottorati, Assegni e Borse di Ricerca

Rep. n. 738/2018 - Prot. n. 30071 Attachments 1

of 5th July 2018

Year 2018 Tit. III Cl. 6 Fasc. 3

**PUBLIC COMPETITION FOR ADMISSION TO CYCLE XXXIV -
Ph.D COURSES - ACADEMIC YEAR 2018/2019**

**THE RECTOR
OF THE UNIVERSITY OF L'AQUILA**

IN FORCE OF law n. 168, May 9, 1989, concerning the establishment of the Ministero dell'Università e della Ricerca Scientifica e Tecnologica;

IN FORCE OF law n. 476, August 13, 1984, establishing rules on university scholarships;

IN FORCE OF law n. 398, November 30, 1989, establishing rules on university scholarships;

IN FORCE OF article n. 4 of law n. 210, July 3, 1998, which provides that the universities, with their own regulation establish their Ph.D schools;

IN FORCE OF article 19 of law n. 240, December 30, 2010;

IN FORCE OF D.P.C.M. of April 9, 2001 "Disposizioni per l'uniformità del trattamento sul diritto agli studi universitari" according to article n. 4 of law n. 390, December 2, 1991;

IN FORCE OF legislative decree n. 68, March 29, 2012;

IN FORCE OF law n. 232, December 11, 2016, and, in particular clause 262, which establishes that "For PhD students, not scholarship holders, tuition fees are waived";

PURSUANT TO D.M. n. 45 of February 8, 2013 "Regolamento recante modalità di accreditamento delle sedi e dei corsi di dottorato e criteri per la istituzione dei corsi di dottorato da parte degli enti accreditati";

PURSUANT TO DD. MM. 509/1999 e 270/2004 which provides rules about the didactic autonomy of Universities;

PURSUANT TO the rules for the admission of foreign students to the university course published on MIUR web site;

PURSUANT TO the Regulation of the Ph.D Schools of the University of L'Aquila;

PURSUANT TO ministerial memorandum n. 15119 issued by MIUR on 15 May 2018 regarding accreditation of Ph.D courses for the academic year 2018/2019;

PURSUANT TO the minutes of the Academic Senate meeting of February 20, 2018;

PURSUANT TO the minutes of the Board of Administration meeting of February 21, 2018;

HEREBY DECREES

**ART. 1
ESTABLISHMENT AND ACTIVATION**

The University of L'Aquila (Italy) has approved and activated Cycle XXXIV – Ph.D Courses. The courses' duration is three years and start on 1st November, 2018.

**ART. 2
ADMISSION**

Public competition procedures based on qualifications and examinations for admission to the below listed Ph.D Courses have been activated. The number of available positions, scholarships, funding and curricula, the responsible Departments and courses' Coordinators, admission requirements, certifications/documents to be annexed to the applications, examination dates and assessment and selection criteria are summarised below.



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Ph.D Course in CIVIL, CONSTRUCTION-ARCHITECTURAL AND ENVIRONMENTAL ENGINEERING	
Available positions	5
of which	
with grant	4
without financial support	1
Grant/Fellowship Funding source	<ul style="list-style-type: none">4 grants – University of L'Aquila
Duration	3 years
Curricula	a) Civil and Environmental Engineering b) Construction-Architectural Engineering
University Department Responsible for the Ph.D Course	Department of Civil, Construction-Architectural and Environmental Engineering
Ph.D Course Website	http://diceaa.univaq.it/dottorandi-ingegneria-civile-edile-architettura-ambientale/
Ph.D Course Coordinator	<i>Prof. Renato T.G. Morganti</i> renato.morganti@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognised as equivalent to the above mentioned qualifications. Candidates who are expected to obtain the above mentioned Degrees by 31/10/2018 may also apply.
Admission Procedure	Assessment of qualifications/certifications held by the candidate, written and oral exams.
Examination topics	Curriculum a: Civil and Environmental Engineering: Applied geology Hydraulics Hydraulic and marine constructions and hydrology Highways, railways and airports Transportation Topography and cartography Geotechnics Structural mechanics Structural engineering Curriculum b: Construction-Architectural Engineering: Building design Architectural and urban design Drawing Architectural history Urban and regional planning Materials science and technology
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.



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Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Degree together with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow the directions explained in article n. 4 of this call;3. A summary of their Master Degree thesis in A3 format, max. 10 pages of which at least three written and the rest in graph/table format, if the thesis is in project format.4. Candidates who did not complete the an Italian Master-level Degree Course yet, must provide:<ul style="list-style-type: none">-Self-certification concerning their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification concerning the exams so far taken in their Master-level Degree course indicating marks obtained.5. A description of the research project the candidate proposes to carry out within the Ph.D course he/she is applying for in no more than 3000 words.6. Publications.7. Additional qualifications deemed appropriate for admission.
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam.</p> <p>Admission The candidate may sit the exams in ITALIAN or ENGLISH.</p>
Exam Schedules	<p>Qualification assessment: 4th September 2018 at 10.00 a.m. in the “Sala del Consiglio” of the Department of Civil, Construction-Architectural and Environmental Engineering</p> <p>Written exam: date: 6th September 2018 at 09.30 a.m. venue: “Sala del Consiglio” of the Department of Civil, Construction-Architectural and Environmental Engineering – address: Via Giovanni Gronchi, 18 – L’Aquila</p> <p>Oral exam: date: 20th September 2018 at 09.30 a.m. venue: “Sala del Consiglio” of the Department of Civil, Construction-Architectural and Environmental Engineering – address: Via Giovanni Gronchi, 18 – L’Aquila</p>



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Assessment Criteria	<p>The assessment procedure consists in 3 phases: qualification evaluation, written exam and an oral exam which includes English language skills assessment. The Candidate's score will be indicated out of a total of 100 points as follows:</p> <p>1. Qualification assessment: Maximum 30 points The Commission shall assess the qualifications indicated by the candidate in his/her application – up to a maximum of 30 points, attributed as follows:</p> <p>a) Degree mark or evaluation of the marks obtained in the candidates' academic career (for candidates not graduated yet): Up to 15 points attributed as follows:</p> <ul style="list-style-type: none">• Up to 10 points for Single Second Cycle Degree mark. For example 0 points for a mark of 100/110 and 1 point for each mark from 101-110; 10 points are given for 110/110 cum laude;• Up to 10 points are given according to the weighted average of the 1st cycle degree mark (weight 3) and 2nd cycle degree mark (weight 2)• Up to 5 points are attributed for having earned the given Degree on schedule (thus 5 points shall be attributed to candidates obtaining their degree in five years, 4 points for six years and so on down to 0 points) <p>b) Thesis, research projects and publications: maximum 12 points as follows:</p> <ul style="list-style-type: none">• Thesis summary: max. 2 points• Research Project: max. 6 points• Publications: max. 4 points <p>c) For additional qualifications indicated: max. 3 points</p> <p>2. Written exam: Maximum 55 points, with a 35 passing mark The candidate is required to choose one assignment out of three titles provided. The Commission shall provide three compositions/assignments for each curriculum. The results shall be posted on an appropriate bulletin-board within the Department premises.</p> <p>3. Oral exam: max. 15 points The oral exam consists in an in-depth discussion of the qualifications indicated by the candidate, including his/her research project, the written exam and on topics of general interest pertaining to the Ph.D course applied for. Assessment of the candidate's knowledge and understanding of a foreign language is part of the oral exam (English for Italian candidates and Italian for foreign candidates).</p>
Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://diceaa.univaq.it/ and/or on the Department information board.
Additional Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	Positions reserved for students selected within specific international mobility programs: n. 1 Positions reserved for scholarship holders from foreign countries: n. 4 Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. __ Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. __



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Assessment criteria for additional Ph.D positions not part of the selection procedure (assigned through other procedures)	Assessment is carried out in one phase and the overall mark is expressed out of 100 points as follows: <ol style="list-style-type: none">1. Summary of the student's Master Degree thesis in A3 format, maximum 10 pages, three of which must contain graphs/tables, if the thesis is of a project: max. of 15 points;2. The research project the student wishes to carry out during the Ph.D course, summarized in a text of max. 6000 words: max. 70 points3. Publications: max. 10 points4. Qualifications: max. 5 points
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Ph.D Course in INFORMATION AND COMMUNICATION TECHNOLOGIES – ICT	
Available positions	9
of which	
with full grant	6
without financial support	3
Grant/Fellowship Funding source	<ul style="list-style-type: none">• 6 grants - University of L'Aquila
Duration	3 years
Curricula	a) System Engineering, telecommunications and HW/SW Platforms b) Emerging computing models: algorithms, software architectures and intelligent systems
University Department Responsible for the Ph.D Course	Department of Information Engineering, Computer Science and Mathematics
Ph.D Course Website	http://phdict.disim.univaq.it/
Ph.D Course Coordinator	<i>Prof.ssa Maria Domenica Di Benedetto</i> mariadomenica.dibenedetto@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. Within the deadline indicated in this call for applications, candidates who are scheduled to obtain the above indicated qualification by 31/10/2018 may also apply.
Admission Procedure	Qualification assessment and oral exam. Foreign applicants may sit the oral exam in English. Candidates residing abroad may request to take the oral exam via web (Skype and other). In this case the candidate must specify the means they wish to use for their interview indicating a valid contact address. This request must be authorized by the testing commission once the identity of the candidate has been certified, to this end the candidate shall be required to show a valid identification document with recent photo during the oral exam.
Examination topics	In the oral exam, the Committee evaluates the following aspects: candidate's qualifications and his/her base knowledge in the ICT domain, and in particular, in the themes that characterize the PhD program in ICT; his/her motivation, scientific interests and research aptitude.



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How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Bachelor-level Degree and Master-level Degree with a list of exams taken and marks obtained (only for candidates who have obtained their Degree in Italy or a EU country); If the candidate has a foreign Degree obtained in a non-EU country, a self-certification must be attached to the application indicating the title of the Degree, the exams taken and the marks obtained. If the candidate is admitted into the Ph.D program he/she must provide official documentation of the Degree indicated, and, in any case, the examination commission reserves the right to evaluate the foreign Degree presented by the candidate.3. Applicants enrolled in an Italian Degree Course must include:<ul style="list-style-type: none">-Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. The candidate must indicate the name of 2 professors with their e-mail address. The referees will receive an e-mail with the instruction to write the recommendation letter directly on line;5. Summary, max.2 pages (font at least 10), of the candidate's Degree thesis.6. Summary, max. 2 pages (font size at least 10), of the research project the candidate intends on carrying out if he/she is admitted into the Ph.D Course.7. Publications.8. Other qualifications deemed appropriate for evaluation.9. Photocopy of the candidate's identity card and, for those who request to take the oral exam via web, a recent photograph is required.
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam</p> <p>Admission The candidate may sit the exams in ITALIAN or ENGLISH</p>
Exam schedule	<p>Qualification assessment: 12th September, 2018 at 09:30 a.m. at the Department of Information Engineering, Computer Science and Mathematics – Aula Riunioni Edificio Alan Turing - University of L'Aquila</p> <p>Oral Exam: 19th September, 2018 at 09:30 a.m. at the Department of Information Engineering, Computer Science and Mathematics – Aula Riunioni Edificio Alan Turing - University of L'Aquila</p>
Assessment Criteria	<p>The assessment procedure consists in two phases: qualification assessment and an oral exam. Scores are indicated out of a total of 100 points, assigned as follows:</p> <ol style="list-style-type: none">1. Qualification assessment: Max. 50/100 points attributed through assessment of the candidate's CV, letters of recommendation, publications and other qualifications. The minimum score required for admission to sit the oral exam is 30/100.2. Oral exam: Max. 50/100, the oral exam consists in an in depth discussion and presentation of the candidate's Degree thesis and research project he/she intends on carrying out within the Ph.D course applied for. The aim is to evaluate the candidate's aptitude and motivation for research. The exam includes assessment of the candidate's English language skills. Foreign students may sit the oral exam in English.



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Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://disim.univaq.it/ and/or on the Department information board.
Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	<p>Positions reserved for students selected within specific international mobility programs: n. 1</p> <p>Positions reserved for scholarship holders from foreign countries: n. 1</p> <p>Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. ____</p> <p>Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. ____</p>

Ph.D Course in INDUSTRIAL AND INFORMATION ENGINEERING AND ECONOMICS	
Available positions	11
of which:	
with full grant	9
without financial support	2
Grant/Fellowship Funding sources	<ul style="list-style-type: none"> • 9 grants – University of L'Aquila
Duration	3 years
Curricula	<p>a) Chemical Engineering</p> <p>b) Electrical Engineering, Electronics and Information</p> <p>c) Mechanical, Energy and Management Engineering</p> <p>d) Legal and Business Sciences</p>
University Department Responsible for the Ph.D Course	Department of Industrial and Information Engineering and Economics
Ph.D Course Website	http://diiie.univaq.it/index.php
Ph.D Course Coordinator	<i>Prof. Roberto Cipollone</i> roberto.cipollone@univaq.it
Admission Pre-requisites	<p>All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications.</p> <p>Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2018 may also apply.</p>
Admission Procedure	Written exam, qualification assessment, oral exam.
Examination topics	<p>The topics which will be considered for the written examination are those typical of the Chemical Engineering, Electrical and Electronics Engineering, Information Engineering, Mechanical and Management Engineering and those of the legal, business and economical sciences according to all the curricula of the PhD. Themes will be specific as well as general, making reference to the most important and relevant aspects of the cited engineering courses and legal and economical ones as well as to aspects which could be considered multi-disciplinary. Themes concerning common methodologies related to research and to the relationships to social and economical aspects could be considered as well.</p>



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How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Degrees (Bachelor and Master-level) with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement;3. Candidates still enrolled in an Italian Master-level degree course must include:<ul style="list-style-type: none">-Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained;4. Summary of the candidate's Degree thesis;5. Scientific publications and/or other qualifications deemed suitable for assessment. <p>Candidates with foreign degree, applying for reserved positions without scholarship, must attach their research project, that may also be edited in English.</p>
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam.</p> <p>Admission The candidate may sit exams in English</p>
Exam schedule	<p>Written exam: 10th September, 2018 at 11.00 a.m. at the Department of Industrial and Information Engineering and Economics – in Montelucio di Roio – Aula B0.2</p> <p>Qualification assessment: 10th September, 2018 at 2.00 p.m. at the Department of Industrial and Information Engineering and Economics – in Montelucio di Roio – Aula B0.2</p> <p>Oral exam: 11th September, 2018 at 10.30 a.m. at the Department of Industrial and Information Engineering and Economics – in Montelucio di Roio – Aula B0.2</p>
Assessment Criteria	<p>The examination procedure consists in three phases: written exam, qualifications evaluated and an oral exam. The candidate's score shall be expressed out of a total of 100 points attributed as follows:</p> <ol style="list-style-type: none">1. Written exam: Max. 40 points with a 24/40 passing mark The results of the written exam will be published at classroom B0.2.2. Qualification evaluation: Maximum 30 points distributed as follows:<ul style="list-style-type: none">- Up to 20 points for Degree mark or academic career for those who haven't yet obtained their Master-level Degree- Up to 10 points for publications and other qualifications.3. Oral exam: Max. 30 points The exam includes assessment of the candidate's English language skills. The results of the oral exam will be published at classroom B0.2
Title evaluation results publication	<p>Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://diie.univaq.it/ and/or on the Department information board.</p>



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Additional Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	<p>Positions reserved for students selected within specific international mobility programs: n.</p> <p>Positions reserved for scholarship holders from foreign countries: n.</p> <p>Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. __</p> <p>Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. 1</p>
Assessment criteria for additional Ph.D positions not part of the selection procedure (assigned through other procedures)	<p>Assessment procedure consists in a total of 100 points attributed as follows:</p> <p>a. Qualifications: Up to 30 points as follows:</p> <ul style="list-style-type: none"> - Degree mark: Up to 20 points - Publications and additional qualifications: Up to 10 points <p>b. Research project presented by the candidate: Up to 70 points Candidates may present their research project in English</p>
Data e sede della valutazione per i posti riservati che non rientrano nei posti messi a concorso (assegnazione mediante apposite selezioni)	10 th September, 2018 at 5.00 p.m. at the Department of Industrial and Information Engineering and Economics – in Montelucio di Roio – Aula B0.2

Ph.D Course in MATHEMATICS AND MODELING	
Available positions	8
Of which	
with full grant	6
without financial support	2
Grant/Fellowship Funding source	6 grants - University of L'Aquila
Duration	3 years
Curricula	///
University Department Responsible for the Ph.D Course	Department of Engineering, Computer Science and Mathematics
Ph.D Course Website	http://people.disim.univaq.it/~dottorato_mate_mode
Ph.D Course Coordinator	<i>Prof. ssa Anna De Masi</i> demasi@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2018 may also apply.
Admission Procedure	Qualification evaluation and oral exam. Foreign applicants can take the oral exam in English. Applicants who indicate a just cause may take the oral exam via web (Skype and other). In this case the candidate must specify the means they wish to use for their interview indicating a valid contact address. This request must be authorized by



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	<p>the testing commission once the identity of the candidate has been certified, to this end the candidate shall be required to show a valid identification document at the moment of the interview.</p>
Examination topics	<p>Presentation of the thesis and, eventually, of the research project</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Bachelor-level and Master-level Degree with exams taken and marks obtained. Candidates with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement;3. Candidates enrolled in an Italian Degree Course must include:<ul style="list-style-type: none">-Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. The candidate must indicate the name of 2 professors with their e-mail address. The referees will receive an e-mail with the instruction to write the recommendation letter directly on line.5. Summary, max. 2 pages, of the candidate's Degree thesis.6. Additional qualifications deemed appropriate for assessment.7. A photocopy of the candidates identity card if he/she requests to take the oral exam via web.
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam.</p> <p>Admission The candidate may sit exams in ENGLISH</p>
Exam schedule	<p>Qualification assessment: 13th September, 2018 at 2:30 p.m. at the Department of Information Engineering, Computer Science and Mathematics</p> <p>Oral Exam: 20th September, 2018 at 09:30 a.m. at the Department of Information Engineering, Computer Science and Mathematics. If necessary, the exam will continue the following day, according to a timetable defined by the Commission.</p>
Assessment Criteria	<p>The examination procedure consists in two phases: qualification assessment and an oral exam. The candidate's scores will be indicated out of a total of 100 points attributed as follows:</p> <ol style="list-style-type: none">1. Qualification assessment: Assessment of the candidate's CV, letters of recommendation, publications and other qualifications. The minimum score required for admission to sit the oral exam is 30, the maximum score is 50 points.2. Oral exam: The oral exam consists in the candidate's presentation of his/her Degree thesis and of the research project to be carried out within the Ph.D course applied for. The aim is to evaluate the candidate's aptitude and motivation for research. The test also includes assessment of the candidate's English language skills. <p>Foreign students may sit the oral exam in English. The minimum score needed to pass is 30 over a max of 50 points for the oral exam.</p>



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Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://disim.univaq.it/ and/or on the Department information board.
Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	Positions reserved for students selected within specific international mobility programs: n. 2 Positions reserved for scholarship holders from foreign countries: n. 2 Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. ___ Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. 1

Ph.D Course in CLINICAL MEDICINE AND PUBLIC HEALTH	
Available positions	6
of which	
with full grant	5
without financial support	1
Grant/Fellowship Funding	<ul style="list-style-type: none"> 5 Grants - University of Aquila
Duration	3 years
Curricula	a) Epidemiology, Preventive, Rehabilitation and Occupational Medicine b) Internal Medicine, Aging and Nutraceutical Sciences c) Cardiovascular Sciences d) Nursing Sciences
University Department Responsible for the Ph.D Course	Life, Health and Environmental Sciences
Ph.D Course Website	http://mesva.univaq.it/
Ph.D Course Coordinator	<i>Prof.ssa Maria Penco</i> maria.penco@cc.univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2018 may also apply.
Admission Procedure	Qualification assessment, written exam, oral exam
Examination topics	Epidemiology, Preventive Medicine, Internal Medicine, Geriatrics, Cardiology, Nursing Sciences
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.



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Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Bachelor-level and Master-level Degree with a list of exams taken and marks obtained. Candidates with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement;3. Candidates enrolled in an Italian Degree Course must include:<ul style="list-style-type: none">-Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. Summary, max. 2 pages, of the candidate's Degree thesis5. Additional qualifications – scientific publications – deemed appropriate for admission.6. A report illustrating a possible research project the candidate wishes to carry out within the Ph.D applied for (we underline that the report presented by the candidate with his/her application shall not necessarily be the actual project carried out during the Ph.D course if the candidate is admitted. In fact, the research project shall be defined and approved by the Ph.D's Board of Professors once the course begins.
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam</p> <p>Admission The candidate may sit exams in ITALIAN or ENGLISH</p>
Exam schedule	<p>Qualification assessment: 10th September, 2018 at 9.30 a.m. at the Department of Life, Health and Environmental Sciences, Building "Rita Levi Montalcini"</p> <p>Written exam: 10th September, 2018 at 2.30 p.m. at the Department of Life, Health and Environmental Sciences, Blocco XI - Piazzale S. Tommasi, 1 -L' Aquila</p> <p>Oral exam: 11th September, 2018 at 9.30 a.m. at the Department of Life, Health and Environmental Sciences, Blocco XI - Piazzale S. Tommasi, 1 - L' Aquila</p>
Assessment Criteria	<p>The assessment procedure consists in three phases: qualification assessment, written exam and an oral exam. The candidate's score shall be indicated out of 100 points attributed as follows:</p> <ol style="list-style-type: none">1. Qualification assessment: Max. 30 points as follows:<ol style="list-style-type: none">a. Degree mark: Up to 6 pointsb. Degree thesis: Up to 4 pointsc. CV: Up to 4 pointsd. Publications: Up to 4 pointse. Additional qualifications: Up to 2 pointsf. Research project: Up to 10 points2. Written exam: Max. 40 points, with a 20 passing mark: A written assignment chosen by the candidate among titles proposed by the examination commission regarding scientific topics pertaining to the Ph.D course Curricula.3. Oral exam: Max. 30 points. The oral exam aims at assessing the candidate's aptitude for scientific research, his/her experience within the research sector and general knowledge of topics and issues pertinent to the Ph.D course. The oral exam will also include assessment of the applicant's English language skills in the scientific sector.
Title evaluation results publication	<p>Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://mesva.univaq.it/ and/or on the Department information board.</p>



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Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	<p>Positions reserved for students selected within specific international mobility programs: n. ___</p> <p>Positions reserved for scholarship holders from foreign countries: n. 2</p> <p>Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. ___</p> <p>Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. ___</p>
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Ph.D Course in EXPERIMENTAL MEDICINE	
Available positions	10
of which	
with full grant	8
without financial support	2
Grant/Fellowship Funding source	<ul style="list-style-type: none"> • 8 grants - University of L' Aquila
Duration	3 years
Curricula	<p>a) <i>Experimental, Clinical and Endocrine Medicine</i></p> <p>b) <i>Medical Biotechnology</i></p> <p>c) <i>Biochemical Sciences</i></p> <p>d) <i>Clinical, Medical and Surgical Sciences</i></p> <p>e) <i>Basic and Clinical Neurosciences</i></p>
University Department Responsible for the Ph.D Course	Department of Biotechnological and Applied Clinical Sciences
Ph.D Course Website	http://discab.univaq.it/index.php?id=2841
Ph.D Course Coordinator	<p style="text-align: center;"><i>Prof. Edoardo Alesse</i></p> <p style="text-align: center;">edoardo.alesse@univaq.it</p>
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized equivalency of the afore stated qualifications. Within the deadline indicated in this announcement, candidates who are to obtain the above indicated Degree by 31/10/2018 may also apply.
Admission Procedure	Qualification assessment, written exam, oral exam
Examination topics	Examination Topics are related to the 5 curricula.
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/univag/univag-dott34/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>



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Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Degrees their Bachelor-level and Master-level Degree with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement3. Candidates enrolled in an Italian Degree Course must include:<ul style="list-style-type: none">-Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;-Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. The candidate must indicate the name of 2 professors with their e-mail address. The referent will receive an e-mail with the instruction to write the recommendation letter directly on line.5. Summary, max. 2 pages, of the candidate's Degree thesis6. Additional qualifications deemed appropriate for admission7. A photocopy of the applicant's identity card if he/she requests to take the oral exam via internet
Language(s)	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam</p> <p>Admission The candidate may sit exams in ITALIAN</p>
Exam schedule	<p>Qualification assessment: 18th September, 2018 at 8.30 a.m. in Classroom C2-10 - Coppito 2, L'Aquila</p> <p>Written exam: 18th September, 2018 at 11.00 a.m. in Classroom C2-10 - Coppito 2, L'Aquila</p> <p>Oral exam: 19th September, 2018 at 09.30 a.m. in Classroom C2-10 Coppito 2, L'Aquila</p>
Assessment Criteria	<p>The assessment procedure consists in three phases: qualifications evaluated, written exam and an oral exam. The candidate's score shall be expressed out of a total of 100 points, attributed as follows:</p> <ol style="list-style-type: none">1. Qualification Assessment: max. 10 points attributed as follows:<ol style="list-style-type: none">a. CV and studorium: up to 2 pointsb. Degree mark and exams taken: up to 6 pointsc. Additional qualifications (Degree thesis, scientific publications, letters of recommendation): up to 2 points.2. Written exam: max. 50 points, with a 35/50 passing mark. The aim of the written exam is to assess the applicant's basic knowledge and technical skills regarding the scientific research issues pertinent to Ph.D curricula.3. Oral exam: The oral exam focuses on the candidate's experience in the research sector and his/her motivation and aptitude for research together with a discussion of a specific topic pertaining to the various curricula. The oral exam will include assessment of English language skills. Foreign candidates may request to sit the oral exam in English. The maximum score for the oral exam is 40/40 with a 15/40 passing mark.
Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://discab.univaq.it/ and/or on the Department information board.



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Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	Positions reserved for students selected within specific international mobility programs: n. ____ Positions reserved for scholarship holders from foreign countries: n. ____ Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. ____ Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. ____
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Ph.D in HEALTH AND ENVIRONMENTAL SCIENCES	
Available positions	6
of which	
with full grant	5
without financial support	1
Grant/Fellowship Funding source	<ul style="list-style-type: none"> • 5 grants - University of Aquila
Duration	3 years
Curricula	<i>a) Translational Medicine</i> <i>b) Molecular and Ultrastructural Imaging</i> <i>c) Physiopathology of the Stomatognathic System</i> <i>d) Psychology, Psychiatry and Cognitive Neuroscience</i> <i>e) Environmental Sciences</i>
University Department Responsible for the PH.D Course	Department of Life Health and Environmental Sciences
Ph.D Course Website	http://mesva.univaq.it/?q=node/6741
Ph.D Course Coordinator	<i>Prof. Marco Ferrari</i> marco.ferrari@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2018 may also participate.
Admission Procedure	Qualification assessment, Written exam, Oral exam



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<p>Examination topics</p>	<p>-Curriculum "Translational Medicine": Written and oral exams will be related to: Regenerative Medicine, Immune-mediated chronic inflammatory diseases, Microbiota in health and disease, Quality control of clinical trial procedures, Management control in Research & Development.</p> <p>-Curriculum "Molecular and Ultrastructural Imaging: Written and oral exams will be related to: Preclinical and Clinical Molecular Imaging, Ultrastructural Imaging, Microscopy Techniques.</p> <p>-Curriculum "Physiopathology of the Stomatognathic System": Written and oral exams will be related to: Stomatognathic System Pathophysiology, Odontostomatologic Clinic.</p> <p>-Curriculum "Psychology, Psychiatry and Cognitive Neuroscience": Written and oral exams will be related to: General Psychology, Psychiatry, Cognitive Neuroscience.</p> <p>-Curriculum "Environmental Sciences": Written and oral exams will cover topics of general relevance concerning concepts and methods of analysis and protection of the environment with an interdisciplinary perspective, with particular reference to Botany, Zoology and Ecology.</p>
<p>How to apply</p>	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/univag/univag-dott34/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
<p>Documents to be annexed to the Application</p>	<ol style="list-style-type: none"> 1. CV 2. Candidates holding Italian Degrees must provide a self-certification concerning their Degrees their Bachelor-level and Master-level Degrees with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement 3. Candidates enrolled in an Italian Degree Course must include: <ul style="list-style-type: none"> -Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; -Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained. 4. Summary, max. 2 pages, of the candidate's Degree thesis 5. Research project: A report illustrating a possible research project the candidate wishes to carry out within the Ph.D applied for. A short summary (max.500 letters including spaces). A detailed description of the project (max. 9000 letters including spaces). We underline that the research project presented by the candidate with his/her application shall not necessarily be the actual project carried out during the Ph.D course if the candidate is admitted. In fact, the research project shall be defined and approved by the Ph.D's Board of Professors. once the course begins. 6. A complete list and a copy of the candidate's publications in the last three years (2016-2018). 7. Additional qualifications deemed appropriate for admission.
<p>Language(s)</p>	<p>Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam.</p> <p>Admission The candidate may sit exams in ITALIAN or ENGLISH</p>
<p>Exam Schedule</p>	<p>Qualification assessment: 5th September, 2018 at 09.00 a.m. at the Department of Life, Health and Environmental – Blocco XI - Piazzale S. Tommasi, 1 - L'Aquila</p> <p>Written exam: 10th September, 2018 at 09.00 a.m. at the Department of Life, Health and Environmental Sciences – Blocco XI - Piazzale S. Tommasi, 1 - L'Aquila</p> <p>Oral exam: The date of the oral exam will be announced on the day of the written exam and will take place at the Department of Life, Health and Environmental – Blocco XI - Piazzale S. Tommasi, 1 - L'Aquila</p>



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Assessment Criteria	<p>The examination procedure consists in three phases: qualification assessment, written exam and an oral exam. Final score shall be indicated out of a total of 100 points attributed as follows:</p> <ol style="list-style-type: none"> Qualification assessment: Max. 20 points attributed as follows: <ul style="list-style-type: none"> - Degree mark: Up to 3 points - Thesis pertaining to the Ph.D curricula applied for: Up to 4 points - CV: Up to 3 points - Scientific publications: Up to 4 points - Research project: to 4 points - Additional qualifications: Up to 2 points Written exam: (max. 40 points): Written assignment chosen by the candidate among titles proposed by the examination commission on scientific topics pertaining to the Ph.D course curricula. Oral exam: (max. 40 points) The oral exam aims at assessing the applicant's aptitude for scientific research, his/her experience within the research sector and general knowledge of topics and issues pertinent to the Ph.D course curricula chosen by the candidate. The oral exam will also include assessment of the candidate's English language skills in the scientific field.
Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://mesva.univaq.it/ and/or on the Department information board.
Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	<p>Positions reserved for students selected within specific international mobility programs: n. ___</p> <p>Positions reserved for scholarship holders from foreign countries: n. 2</p> <p>Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. ___</p> <p>Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. 1</p>

Ph.D Course in PHYSICAL AND CHEMICAL SCIENCES	
Available positions	6
of which	
with full grant	5
without financial support	1
Grant/Fellowship Funding source	<ul style="list-style-type: none"> • 5 grants - University of L' Aquila
Duration	3 years
Curricula	////
University Department Responsible for the Ph.D Course	Department of Physical and Chemical Sciences
Ph.D Course Website	http://www.aquila.infn.it/dottorato/Home.html
Ph.D Course Coordinator	<i>Prof. Antonio Mecozzi</i> antonio.mecozzi@univaq.it



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Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications.. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degrees by 31/10/2018 may also apply.
Admission Procedure	Qualification assessment and oral exam. Foreign students may sit the oral exam in English. Candidates may, for justified reasons request to sit the exam via web - Skype or other. Candidates must request this option when they present their application and provide valid contact details. This request must be authorized by the assessment committee once the candidate's identity has been certified. Candidates must have valid photo-ID to be shown during the oral exam.
Examination topics	Notions on Chemistry or Physics according to 2nd cycle degree.
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/univaq-dott34/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Documents to be annexed to the Application	<ol style="list-style-type: none">1. CV2. Candidates holding Italian Degrees must provide a self-certification concerning their Degrees their Bachelor-level and Master-level Degrees with a list of exams taken and marks obtained (only if the degree was obtained in an Italian University) Applicants with foreign Degrees must follow the dispositions reported under the article number 4 of this announcement3. Candidates enrolled in an Italian Degree Course must include: -Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; -Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. The candidate must indicate the name of 2 professors with their e-mail address. The referees will receive an e-mail with the instruction to write the recommendation letter directly on line.5. Summary, max. 2 pages, of the candidate's Degree thesis.6. A list and a copy of the candidate's publications and any additional qualifications deemed appropriate for admission.7. Copy of a photo-ID.
Language(s)	Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam. Admission The candidate may sit exams in ENGLISH
Exam schedule	Qualification assessment: 17 th September, 2018 at 9:30 a.m. at the Department of Physical and Chemical Sciences Oral exam: 20 th September 2018 at 9:30 a.m. at the Department of Physical and Chemical Sciences
Assessment Criteria	The examination procedure consists in two phases: qualification assessment and an oral exam. The candidate's scores will be indicated out of a total of 100 points attributed as follows: <ol style="list-style-type: none">1. Qualification assessment: assessment of the candidate's CV, letters of recommendation, publications and other qualifications. The minimum score required for admission to sit the oral exam is 30, the maximum score is 50 points.2. Oral exam: the aim is to evaluate the candidate's aptitude and motivation for research. The test also includes assessment of the candidate's English language skills. Foreign students may sit the oral exam in English. The minimum score needed to pass is 30 over a max. of 50 points for the oral exam.



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Title evaluation results publication	Title evaluation results shall be published on the University website http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on Department website: http://www.aquila.infn.it/dottorato/Home.html and/or on the Department information board.
Reserved Ph.D positions not part of the selection procedure (assigned through other procedures)	Positions reserved for students selected within specific international mobility programs: n. _ Positions reserved for scholarship holders from foreign countries: n. _ Positions covered by scholarship reserved for applicants having obtained a Degree abroad n. __ Positions not covered by scholarship reserved for applicants having obtained a Degree abroad n. __ —

ART. 3 Requirements for Activation

The minimum number of approved applications necessary to activate the aforementioned Ph.D courses must be not less than 3 – by “approved applications” we mean candidates that have successfully passed the admission exams and fulfilled all administrative procedures for enrolment in the selected Ph.D course.

The number of available grants may increase if external funding from other sources is provided, as long as such funding is made available by the deadline established in this announcement.

Failure on behalf of public or private institutions to comply with funding procedures will result in fewer available positions.

The number of available grants may increase if the MIUR approves specific projects that can be funded by European funds, for which doctoral grants are envisaged, even after the expiration date of this call.

University of L'Aquila submitted the following project proposals in the framework of the National Operational Program FSE-FESR Research and Innovation and in particular with reference to Action I.1 - "Innovative PhDs with Industrial Characterization".

Ph.D Course in CIVIL, CONSTRUCTION-ARCHITECTURAL AND ENVIRONMENTAL ENGINEERING	
Grant n. 1	Structural Monitoring of valuable buildings
Grant n. 2	Development of materials, models and innovative techniques for heritage buildings conservation and seismic reinforcement
Grant n. 3	Smart monitoring of monumental structures and buildings

Ph.D Course in INFORMATION AND COMMUNICATION TECHNOLOGIES – ICT	
Grant n. 1	Multilevel modular converters for distributed generation, smart grids, electrical mobility and industrial applications.
Grant n. 2	Modernising Legacy Applications: microservices architectures and non functional requirements.

Ph.D Course in INDUSTRIAL AND INFORMATION ENGINEERING AND ECONOMICS	
Grant n. 1	Technological innovation of refrigeration system sector for food applications aimed at Energy saving and use flexibility (field: Mechanical Engineering/Energy)
Grant n. 2	Development of a methodology for aircraft modeling using composite materials for weight and consumption abatement finalized to Propulsion Power Reduction. (Field: Electric/Electronic Engineering)
Grant n. 3	Technologies for CO ₂ emission abatement by alternative internal combustion engines oriented to "thermal management" (field: Mechanical Engineering/Energy)



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Ph.D Course in MATHEMATICS AND MODELING	
Grant n. 1	Development of computational algorithms and techniques in the field of application of quantum computers for solving problems related to molecular simulations
Grant n. 2	New frontiers in the Mechanics of Ropes: modeling and realising a rope with intelligent functions.
Grant n. 3	Analysis of theory, implementation and application aspects for the development of new models and Blockchain-/Distributed Ledger-wise in the field of data security and echo-sustainability.

Ph.D Course in EXPERIMENTAL MEDICINE	
Grant n. 1	Last generation of Protein tyrosine kinase inhibitors: multidisciplinary pre-clinical development towards the personalised oncological therapy
Grant n. 2	Application of innovative technologies for the treatment of persons with Autism Spectrum disorders (Autism Spectrum Disorder-ASD)
Grant n. 3	Use of Ultrasounds in oncology: new diagnostic and therapeutic approaches

Ph.D in HEALTH AND ENVIRONMENTAL SCIENCES	
Grant n. 1	Use of bio-activators in agriculture to replace agrochemicals
Grant n. 2	Intelligent system of tele-rehabilitation and tele-monitoring based on 3D sensors and advanced techniques of computer vision.

Ph.D Course in PHYSICAL AND CHEMICAL SCIENCES	
Grant n. 1	Dormant reagents and new reactivity
Grant n. 2	Characterisation of elementary reactions of bio-fuels and high energy density fuels combustion by using multiplex synchrotron light photoionization mass spectrometry technique
Grant n. 3	Development and characterisation of coatings with low emission value of secondary electrons (Secondary Electron Yield, SEY)

Any positive outcome of the participation in this call, will enable the funding of additional scholarships for PhD programs. In this case the PhD students, can pursue their research path both at the partner enterprises with which they presented the project proposals, and abroad.

ART. 4 Requirements for Access

Candidates holding a Master-level Degree or other University Degree corresponding to criteria specified in DM – Ministerial Decree – 509/1999, or those holding a foreign Degree with certified equivalency, within the deadline of this selection announcement, may, with no limitations as to age or citizenship, apply to participate in the Ph.D selection process.

Candidates holding a foreign Degree who have not as yet obtained certified equivalency required for the admission to the Ph.D course, must include the following documents in their application (necessary for the Examination Commission to evaluate the Degree as conforming to requirements):

- a copy of the Degree certification obtained with a transcript of records of the exams taken and an Italian translation provided by the applicant under his/her responsibility;
- any other documentation deemed useful for the qualification assessment (Diploma Supplement, declarations etc.) .

The academic qualification held by the candidate must refer to a course with a duration of at least 4 years and allow the access to a PhD course in the country in which it was awarded.

Eligibility of the qualification will be verified by the Course's Admission Committee and will only be granted for the sole purpose of admission to the chosen PhD course.



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The call is also addressed to:

Candidates scheduled to obtain their Master-level degree within 31st October 2018. If admission exams are held before the Degree is conferred, the candidate's admission shall be deemed as "subject to verification".

Candidates who have already obtained a Ph.D, although such candidates shall not be eligible for financial support or grants.

Candidates enrolled in their final year of medical specialization school at the University of L'Aquila.

ART. 5 Applications

The application form may only be submitted using the dedicated online procedure, available at: <https://pica.cineca.it/univaq/univaq-dott34/>. Applications must be submitted no later than the August 24th, 2018 at 1:00 p.m. (CEST).

The application must be signed, missing the signature the application will be rejected.

There are 3 methodologies to sign it and the candidate must select one of them and read carefully the directions.

- By digital signature using smart card, USB token or remote signature which allow the owner to sign general documents by means of a signature software or a Remote Signature web portal made available by the Auditor. Those who have a Digital Signature smart card or USB token shall verify that they are compatible with the Digital Signature system integrated in the system server. If so, the owner may sign the application directly in the system server (e.g. ConFirma);

- Those who do not have compatible digital signature devices and the Remote Digital Signature Owners who may access a web portal for signing general documents shall save in their own PC the .pdf file generated by the system and, without modifying it, digitally sign it in CAdES format. A .p7m file will be generated, which shall be saved and uploaded again in the system. Any editing to the file before signing with the Digital Signature shall interfere with the automatic check of correspondence between the content of such a document and the original, and this will bring to the application exclusion;

- If none of the above-mentioned options can be used candidates shall save in their own PC the .pdf file generated by the system and, without modifying it, print and sign it with full original signature in the last page of the printed document. A scanned .pdf copy of such a document shall be produced and the file thus obtained shall be uploaded to the system.

Candidates intending to apply for more than one Course must complete a separate application for each chosen Course.

Should the Course have more than one curriculum, candidates must indicate the chosen curriculum. Preferences expressed on the application form will provide an indication of the candidate's interests and will not be binding.

In case the selected Ph.D course foresees:

- Positions reserved to candidates from foreign countries;
- Positions reserved to candidates holding a title acquired abroad no grant positions

Candidates are compulsory required to clearly mention it in the Application Form.

All required documents to be submitted, listed in the information sheet for the chosen PhD course, must be annexed to the application form, together with a copy of an identity document. If the candidate is applying for more than one course, each application must be completed with the relative required documents. All documentation must be attached in pdf format.

For all legal purposes, the application is to be considered as a self-certification of the data included therein and of the attached documents, in accordance with articles 46 and 47 of Italian Presidential Decree no. 445/2000 and subsequent amendments.

The candidate can, where applicable, request **reference letters** by completing the appropriate section on the application form. A notification will be sent automatically sent to the selected referee only when the application has been fully submitted. The referee must compile the reference letter scheme and submit it by the deadline of 31 August 2018 at 13:00 p.m. CEST.

Reference letters attached by the candidate will not be taken into consideration.



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The application is automatically sent to the University when the online procedure has finally been completed. Therefore, no paperwork needs to be delivered or sent to the University's offices.

Candidates are invited to complete applications for the selection process well in advance of the closing date specified in this call. Candidates are responsible for verifying that the procedure is completed correctly. No complaints will be accepted for any malfunctioning of the IT system due to overload experienced by candidates near the closing date.

After the deadline of the call it will no longer be possible to change the application for participation.

In force of Italian Law no. 104/92, as amended by Italian Law no. 17/99, disabled candidates may request an individual examination (with the use of aids, any additional time required, etc.) to complete the required entry examinations. In accordance with Italian Law no. 170/2010, candidates with specific learning disabilities are allowed 30% more time to complete written exams, if required for the selection process for admission to the chosen PhD course, subject to a request for an individual examination. The request must be written in accordance with the instructions available as part of the online application procedure for the selection process.

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ART. 6 **Foreign Candidates**

With the aim of fostering student mobility, the Ph.D courses in this announcement provide for the following positions as specified in the charts above:

- 1) Positions reserved for candidates selected within specific student mobility projects the University participates in. (in these cases the selection procedures will follow its specific rules)
- 2) Positions reserved for foreign scholarship recipients;
- 3) Positions not covered by scholarships and reserved for candidates who have obtained their Degree abroad;
- 4) Positions with scholarship provided by the University of L'Aquila reserved for candidates who have obtained their Degree abroad.

Candidates corresponding to the case under 1), must not follow the online procedure - they shall be contacted by e-mail.

Candidates corresponding to the case under 2) shall obtain supernumerary positions in the Ph.D Course selected once they have passed admission requirements.

Candidates corresponding to the cases under 3) and 4) will find admission procedures indicated in the specific description of the Ph.D Course they are interested in. Positions will be assigned in accordance with the final rankings obtained following the admission exams and requirements.

The reserved positions not covered by the candidates, shall become part of the regular selection procedure and assigned according to admission examination results.

ART. 7 **Examinations**

The examination procedures and the dates of the exams are indicated in the Article 2 of the above reported schemes of each doctoral course. These dates are to be regarded as official legally-binding calls. **Candidates will therefore not receive any other sort of call or summons by the University as to the exams prescribed for the Ph.D Course they have applied for.**

ANY CHANGES IN DATES AND TIMES WILL BE MADE PUBLIC ON THE UNIVERSITY WEB-SITE

A candidate who is not present at the time and place indicated for the examination will automatically be excluded from the competition.



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The candidate does not have to be present during qualification assessment procedures unless otherwise specified in art. 2. To sit the prescribed exams for the course applied for, candidates must be present on the dates and times indicated in the above mentioned schemes and provide a valid identification card.

For some Ph.D courses, as indicated in the relevant descriptive tables, candidates may request to sit the oral exam in another language other than Italian (check for details).

Candidates, only if indicated as an option in the chosen Ph.D Course and for the motivations described in the relative table, sit the oral exam via web conference communication systems (e.g. Skype). In this case, the candidate is required to provide contact information in their application and guarantee the use of a web-cam to allow the Commission to verify the candidate's identity.

ART. 8

Examination Committee Assessment Criteria and Ranking List

The Examination Committee is appointed by the Rector through a specific decree and is composed by a minimum of three to a maximum of five members among professors and assistant professors.

The candidate's scores will be indicated out of a total of 100 points.

The results of the assessment of the qualifications will be published on the web site of the University http://www.univaq.it/en/section.php?id=1929&lang_s=en and/or on the web site of the concerned Department.

The results of the written exam, signed by the President and by the secretary of the Examination Committee, will be published on the Department's notice board and / or the site of the Department where the test was conducted.

At the end of the session the Examination Committee draws up the list of the interviewed applicants with the obtained scores.

This list, signed by the President and by the secretary of the Examination Committee will be published on the Department's notice board and / or the site of the Department at which the test was conducted, on the same day of the oral examination.

Regarding at the vacant positions reserved for applicants with a degree obtained abroad, if specific modalities of admission are envisaged, the Commission shall draw up a specific merit list using the evaluation criteria indicated.

Once all the interviews have been completed the Examination Committee draws up the final ranking list according to the sums of the obtained scores. The University Administration makes this list public by publishing it on the official notice board of the University and on the University web site, once the validity of the examination procedure has been checked.

The applicants will obtain a Ph.D position according to their position on the ranking list.

In case of equality, the Ph.D position will be conferred to the younger candidate.

If the candidate obtains equal position in more than one Ph.D course he/she must choose one course.

ART.9

Enrolment in Ph.D Courses

Successful candidates must submit their enrolment through the University of L'Aquila official website, within 15 days from online publication of selection results.

Failure to enroll by the deadlines set for each Course will be considered as drop out and the place will subsequently be assigned to the next candidate according to the ranking.

Information on enrolment procedures will be published at the same time as the rankings.

No information will be sent to the candidate's home. Candidates granted admission to the Courses are responsible for checking enrolment dates and procedures.

The enrolment forms, available on the University website, duly signed, must be delivered to the "Settore Dottorati, Assegni e Borse di Ricerca", Via Giovanni di Vincenzo 16/b, L'Aquila within the deadline foreseen for the enrolment. The documents can be delivered in one of the following ways:



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- hand-delivering to Settore Dottorati, Assegni e Borse di Ricerca, Via Giovanni di Vincenzo 16/b, L'Aquila, Italy (Help desk hours: Monday-Friday 10:00 a.m. - 1:00 p.m.);
- sent by registered mail with return receipt to: The Rector of the University of L'Aquila - Settore Dottorati, Assegni e Borse di ricerca – Via Giovanni di Vincenzo 16/b, 67100, L'Aquila, Italy. **Please note:** as date of mail sending, will be considered the date of the stamp of the receiving Post Office. In this case, the selected candidate must also submit all the documents via e-mail to the following web address: concorso.dottorati@univaq.it within the date foreseen for the enrolment deadline;
- by certified e-mail (PEC) addressed to protocollo@pec.univaq.it. The application can be sent only from another certified e-mail address; any application sent from an uncertified e-mail address shall not be considered valid.

For PhD candidates who live abroad:

- e-mailed to the following address: concorso.dottorati@univaq.it. All documents must be sent in pdf format.

As soon as the PhD candidate arrives in L'Aquila, he/she must deliver to “Settore Dottorati, Assegni e Borse di Ricerca” the original documents (already sent in scanned copy) concerning all the enrolment procedure and concerning his/her study career.

The documents to submit compulsory are the followings:

- Enrolment form that includes Self-Declaration in substitution of certification and Self-Declaration in substitution of attested affidavit in accordance with articles 46 and 47 of the Presidential Decree – 28th December, 2000, n.-445 (forms attached to this selection announcement), containing the following:
 - self- certified declaration of citizenship;
 - statement declaring that the candidate is not also enrolled in another University Degree Course or a "School of Specialization" (non-medical sector) or any other Master-level course, university-level vocational course or other doctoral or Ph.D course;
 - statement declaring that the candidate shall adhere to and attend all activities prescribed for the Ph.D they have been selected for in accordance with the decisions taken by the Board of Professors;
 - Statement declaring that the candidate shall ask the Board of Professors for authorization to accept, or continue to carry out, any other type of “external” employment while they are enrolled in the Ph.D Course;
 - a copy of an identity document;
- A photocopy of the candidate's fiscal-code number;
- A photocopy of the candidate's “Italian-residency permit” (permesso di soggiorno) – only for non-EU citizens.

Foreign citizens must declare possessing the following requisites:

- 1) that they benefit from civil rights and right to vote in their country;
- 2) that, aside from Italian citizenship, they possess all other requisites required for citizens of the Italian Republic.

Applicants holding a university Degree awarded abroad must enclose the following documents, translated and certified by competent Italian Diplomatic Authorities:

- Original copy of their university degree indicating their final mark;
- Degree transcripts indicating the exams taken during their course and marks awarded.

If the above documentation is not available at the time of enrolment, the candidate's enrolment shall be deemed “subject to verification”. In this case all above mentioned compulsory documentation must be consigned **by and no later than** the official start date of the Ph.D course : **1st November 2018, failure to do so will result in expulsion from the course.**

Candidates ranked in a position allowing them to benefit from a scholarship for funding must present a:

- self-declaration to obtain the scholarship for the Ph.D course they have earned admission to;
- scholarship accreditation form.

Within 15 days from the start of the Ph.D Course, candidates who have been conferred a scholarship must send a photocopy of a receipt from the INPS (national social security service) addressed to: Settore Dottorati, Assegni e Borse di Ricerca, Via Giovanni di Vincenzo 16/b – 67100 L'AQUILA, certifying that they have been registered in “posizione contributiva alla gestione separate” (for information visit the INPS web-site at www.inps.it).



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False declarations shall lead to the candidate's expulsion from the Ph.D course and to prescribed sanctions for such offenses, vacant positions will be assigned to other candidates according to the ranking list.

Successful candidates who do not want to enroll in the course they have been selected for, must immediately send a signed letter of renouncement enclosing a photocopy (front-back) of their identity card.

Candidates selected as replacements must write a letter of acceptance within three days of notification that they have been accepted. All other necessary documents indicated in this announcement must be consigned within, and no later than, ten days after receiving notification.

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ART. 12 **Grants – Scholarships**

The grants available indicated in the Ph.D chart (art. 2) are assigned according to the ranking list drawn up by the Examination Commission.

A Ph.D gross grant consists of € 15.343,28 which includes health and social security taxes that, on 2018, amounts to 34,23% but only 11,41% is paid by the beneficiary.

From the second year of each Ph.D course, in addition to the grant and according to financial resources, a research budget, not less than 10% of the total sum of the grant conferred, will also be available for research activity in Italy or abroad. If a Ph.D student does not receive a positive evaluation or renounces the grant, the remaining sum shall remain within the institution and used accordingly for the same purpose.

Grants provided by other Universities and public or private bodies may be linked to specific research topics. External sources shall be assigned by the Board of Professors, candidates to whom grants are conferred have to find out all the details and conditions regarding the grant before accepting.

Grants are yearly provided and are renewed on the condition that the Ph.D student has completed all programmed activities for the course during the previous year.

A Ph.D scholarship cannot be cumulated with other grants except for those provided by national or foreign institutions which are aimed at integrating the Ph.D student's research activity with periods abroad.

If a scholarship is provided by external sources, both public and private, the sum shall be given to the Ph.D student only when it is received by the University from the external source.

Candidates who have already benefited from other Ph.D study grants in Italy (even if only for one year) are not eligible to receive another grant.

If Ph.D student does not respect what is indicated in article 15 paragraph 7 of Ph.D regulations, his/her scholarship will be stopped

ART. 13 **Attendance Abroad**

Ph.D students can carry out training periods abroad in qualified institutions. Such training or study periods abroad cannot be longer than half the duration of Ph.D course and can be allowed in case they are foreseen by:

The study program of the Ph.D course
Upon advice of the course coordinator or board
Upon request made by the Ph.D student



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The sum of the grant/scholarship is increased to cover such training or study periods abroad up to a max of 50% and only for the duration of the period spent abroad.

This increase shall be covered by funding provided by the interested University Departments or through specific funds set up for Ph.D student mobility.

Before going abroad the following documents must be sent to the above mentioned Ph.D office by the Coordinator:

Signed authorization by the course Coordinator for training/study periods abroad of less than 6 months or

Board resolution allowing a period of over 6 months;

If the Ph.D student is a grant-holder:

The authorization must include the source of financial coverage for the additional sum of the scholarship.

Upon returning to Italy the Ph.D student shall present the following:

Certification from the foreign institution stating the Ph.D student's attendance, signed by the course Coordinator;

If the Ph.D student is a scholarship holder:

Indication of the fund to which the additional sum of the scholarship is to be sent, if this sum is to be paid by the Department.

ART. 14 Tuition Fees

All Ph.D students are exempted from tuition payments. All Ph.D students must only pay the required Regional tax and a duty stamp ("marca da bollo").

Late payment will result in a € 52.00 fine.

ART. 15 Rights and Duties

1. Ph.D students are obliged to attend lessons and carry out all prescribed activities regularly in accordance with the programs and schedules set by the Board of Professors;

2. The University provides insurance coverage for the entire duration of the Ph.D course and for activities pertaining to the course;

3. *Compatible employment activities shall be allowed for brief periods, following authorization from the Board of Professors as long as such commitments do not pose any sort of conflict with the activities required within the Ph.D course;*

4. Interruptions in attendance shall be allowed for:

a. Illness or injury for periods of 30 days or more;

b. Military or civil service;

c. Training courses for teacher certification;

Interruption may also be agreed for substantiated serious personal reasons after having received a positive opinion of the Board of Professors. Discontinuation does not last longer than one year according to the total course length

Ph.D students benefitting of interruption period must recover the entire time with consequent test delay for the move to following year and for the awarding of title

5. Maternity/paternity leave and leave for adoption or foster care may also be authorized. Maternity-leave laws and regulations as indicated in Gazzetta Ufficiale n. 247 of 23rd October, 2007 shall be applied only to scholarship holders.

6. A Ph.D student's unexcused absence or non-fulfillment of obligations shall result in his/her exclusion from the course by the Board of Professors. In this case the expelled Ph.D student shall be liable for the sum of the scholarship conferred or for tuition fees;

7. Ph.D students enrolled at the University of L'Aquila may carry out limited teaching or tutoring activities within the University's Bachelor and Master-level degree courses if so established and programmed by the Board of Professors in agreement with the University Department.

8. Ph.D students must preserve the confidentiality in information, knowings and materials. They must not disclose beyond subject different by the ones that gave to them (article 15 paragraph 18 of (Ph.D regulations) of this University.

ART. 16 Graduation



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Students can write their Ph.D thesis in Italian or in English, an abstract in Italian or English must also be provided. Students wishing to write their thesis in a language different from Italian or English must receive authorization from the Board of Professors.

The evaluation committee for Ph.D thesis discussion will be appointed according to the Ph.D Regulations of the University.

A Doctoral Degree title (Dott. Ric or Ph.D) will be awarded following a positive assessment of the Ph.D thesis, taking into account the achieved results.

ART. 17

Head of the Competition Procedure

According to art. 5 of law 07/08/1990, n. 241, the Head of the Settore Dottorati, Assegni e Borse di ricerca of the University of L'Aquila (Via Giovanni Di Vincenzo n. 16/b - 67100 L'Aquila) shall be responsible for the competition procedure.

ART. 18

Legal Reference

For all other matters not foreseen or included in this announcement we shall refer to Law n. 210 of 03/07/98, Law n. 240 of 30/12/2010, Ministerial Decree 45/2013 and to the "Regolamento dei corsi di dottorato di ricerca" (Ph.D regulations) of this University.

This announcement is available at: http://www.univaq.it/en/section.php?id=1929&lang_s=en

and may also be accessed through path: [Home](#) » [Research](#) » [Research training](#) » [Research Doctorates](#) » [Announcements, assessment committees, ranking](#) » [XXXIV Cycle](#)

Further information may be requested by contacting the competent Ph.D office:
Settore Dottorati, Assegni e Borse di Ricerca – tel. 0862/432062/432061/432032/432055
e-mail dot@strutture.univaq.it.

L'Aquila 5th July, 2018

The Rector of the University of L'Aquila,
Signed Prof.ssa Paola Inverardi