



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca



Istituto Nazionale
di Fisica Nucleare



Unione europea
Fondo sociale europeo



REGIONE
ABRUZZO



L'Europa è la carta
di accesso al futuro

PO FSE ABRUZZO
2007-2013 | OBIETTIVO
"Competitività regionale
e occupazione"



Rep. n. 1234/2013 - Prot. n. 29521 Allegati 1

del 6 settembre 2013

Anno 2013 Tit. V Cl. 2 Fasc. 19

PUBLIC COMPETITION FOR ADMISSION INTO CYCLE XXIX PH.D COURSES ACADEMIC YEAR 2013/2014

Omissis

ART. 1

INSTITUTION AND ACTIVATION

The XXIX cycle of PH.D courses has been approved and activated at the University of L'Aquila, Italy.
The courses last three years and are to begin by 1st January, 2014

ART. 2

ADMISSION

Public competitions for selection, based on qualifications and examinations, have been activated for admission into the PH.D Courses listed below with the number of positions and grants/fellowships available together with curricula, university Departments offering them and coordinators, admission requirements, list of qualifications to be included in application, examination dates and criteria for assessment and selection:

Ph.D in: Civil, Construction-Architectural and Environmental Engineering	
Positions available	8



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

of which	
with full grant	4
without financial support	4
additional (extra) positions	4
of which	
for temporary research fellows	2
for non-EU members	2
Grant/Fellowship Funding	<ul style="list-style-type: none"> 4 grants/fellowships – University of L'Aquila
Duration	3 years
Curricula	Civil and Environmental Engineering Construction-Architectural Engineering
University Department Responsible for the PH.D Course	Department of Civil, Construction-Architectural and Environmental Engineering
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. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Evaluation of qualifications specified by the candidate, interview, English language-competence assessment and written test.
Documents to be enclosed in the Application	<ol style="list-style-type: none"> CV Italian Degree applicants must include a self-certification of their Degree with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University 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. A summary of their 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 An outline of the research thesis the candidate proposes to carry out within the PH.D course he/she is applying for Publications Other qualifications deemed appropriate for evaluation including letters of recommendation (max.3) printed on official paper summarizing the candidate's training, competence, motivation for research and interactive skills.
Exam schedule	Assessment of qualifications and interview: 16 October 2013, 9:30 a.m. at the "sala studio" in the Department of Civil, Construction-Architectural and Environmental Engineering - Dipartimento di Ingegneria civile, edile-architettura, ambientale Written test: 16 October, 2013 following qualification assessment and interview.
Assessment Criteria	The examination consists in two phases: qualification evaluation with interview and English language skills assessment; final written test <ol style="list-style-type: none"> Qualification evaluation with interview and English language skills assessment: Applicants must score at least 20 points to be admitted to take the final written test (max.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>25 total points). English language assessment : up to 5 points which are not considered for written test admission but will be added to the final total examination score obtained. Points are divided as follows:</p> <ul style="list-style-type: none">a) Up to 15 points awarded for Degree and CVb) Up to 8 points for Research project plan and publicationsc) Up to 2 points for other qualifications <p>The list of applicants admitted to sit the written exam will be posted on the bulletin board of the Department.</p> <p>2. Written test: 75 points max.; passing mark: 60</p>
--	--



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D Course in INFORMATION AND COMMUNICATION TECHNOLOGIES - ICT	
Positions available	8
of which	
with full grant	4
without financial support	4
additional (extra) positions	6
of which	
for temporary research fellows	2
for non-EU members (who have obtained a Degree qualifying them for admission into PH.D courses in non-European universities)	4
Grant/Fellowship Funding	3 grants/fellowships provided by The University of L'Aquila 1 grant for research pertaining to the discipline: Innovative broadband telecommunication systems also with the use of satellites for differentiated users in terms of security, prevention and intervention in case of natural catastrophes.
Duration	3 years
Curricula	a) Algorithms and architecture for computing and optimizing b) Complex control systems (cyber physical systems) c) Telecommunication systems and networking d) Software engineering and intelligent (smart) systems e) Electronic and photonic systems and devices
University Department Responsible for the PH.D Course	Department of Information Engineering, Computer Science and Mathematics
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. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Qualification evaluation and oral exam. Foreign applicants can take the oral exam (interview) in English. Assessment of qualifications and interview. Applicants who reside abroad can ask for the interview to be carried out 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 at the moment of the interview.
Documents to be enclosed in the Application	<ol style="list-style-type: none">1. CV2. Italian Degree applicants must include a self-certification of their Bachelor-level Degree and Master-level Degree with a list of exams taken and marks obtained (only for Italian and EU graduates); If the candidate has a foreign Degree obtained in a non-EU country a self-certification must be enclosed with the Degree indicating the title of



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>the Degree, the exams taken and the marks obtained. If the candidate is admitted into the PH.D programme he/she must provide official documentation and, in any case, the examination commission reserves the right to evaluate the foreign Degree presented by the candidate.</p> <p>3. Applicants enrolled in an Italian Degree Course must include:</p> <ul style="list-style-type: none">a. self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;b. self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained. <p>4. From 1 to max. 3 letters of recommendation in sealed envelopes, containing the following information: the role of the writer in the candidate's training and educational process together with the writer's opinion regarding the applicants technical know-how, general knowledge, motivation to carry out research and communicative and interactive skills.</p> <p>5. Summary, max.2 pages (font at least 10) of the Applicant's Degree thesis.</p> <p>6. Summary, at least 2 pages (font size at least 10) of the research project the applicant intends on carrying out if he/she is admitted into the PH.D Course.</p> <p>7. Publications</p> <p>8. Other qualifications deemed appropriate for evaluation including letters of recommendation (max.3) printed on official paper summarizing the candidate's training, competence, motivation for research and interactive skills.</p> <p>9. Photocopy of the applicant's identity card and, for those who request to take the oral exam via web a recent photograph is required.</p>
Exam schedule	<p>Qualification evaluation: 22 October, 2013 at 10 a.m. at the Department of Information Engineering, Computer Science and Mathematics</p> <p>Oral Exam: 29 October, 10:00 a.m. at the Department of Information Engineering, Computer Science and Mathematics</p>
Assessment Criteria	<p>The examination consists in two phases: qualification evaluation and admittance to take the oral exam. Applicants' scores will be indicated out of a total of 100 points.</p> <p>1. Qualification evaluation: the commission will evaluate the candidate's CV, letters of recommendation, publications and other qualifications. The minimum score needed to be admitted to sit the oral exam is 30/50. The list of applicants admitted to sit the oral exam and the scores obtained will be posted on the Dept. DISIM web-site and on the bulletin board inside the Department premises. .</p> <p>2. Oral exam: the oral exam consists in the presentation on behalf of the candidate of his/her Degree thesis and of the 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 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 the oral exam is 30 over a max. of 50 points.</p>



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D in INDUSTRIAL and INFORMATION ENGINEERING and ECONOMICS.	
Positions available	28
of which	
with full grant	14
without financial support	14
additional (extra) positions	12
of which	
for temporary research fellows	4
for non-EU members	8
Grant/Fellowship Funding	<ul style="list-style-type: none">▪ 7 grants from the University of L'Aquila▪ 1 grant -D.M. 198/03 – for research in: <i>Sistemi avanzati di manifattura con impatto non solo nell'industria delle macchine utensili, ma su comparti manifatturieri del "Made in Italy" quali tessile, abbigliamento, meccanica strumentale</i>▪ 1 grant- D.M. 198/03 for research in : <i>Potenziamento e sviluppo dell'industria motoristica incluse le due ruote con motori a basso consumo e a basso impatto ambientale</i>▪ 1 grant - D.M. 198/03 for research in: <i>Materiali avanzati (in particolare ceramici) per applicazioni strutturali</i>▪ 1 grant - D.M. 198/03 for research in <i>Sistemi di telecomunicazione innovativi a larga banda anche con impiego di satelliti per utenze differenziate IN materia di sicurezza, prevenzione e intervento IN caso di catastrofi naturali</i>▪ 1 grant - D.M. 198/03 for research in: <i>Risparmio energetico e microgenerazione distribuita</i>▪ 1 grant from SAIPEM S.p.A. – ENI Corporate University S.p.A. for the Mechanical, Energy and Management Engineering curricula, in relation to the topic of: <i>"Tecnologie di perforazione e controllo di processi in ambienti ostili"</i>▪ 1 grant from EDISON S.p.A. for the Electrical and Electronic Engineering Curricula in relation to the topic of <i>"Software e Sistemi di Misura per l'Efficienza Energetica"</i>
Duration	3 years
Curricula	a) Chemical Engineering b) Electrical and Electronic Engineering c) Mechanical, Energy and Management Engineering d) Legal and Business Sciences
University Department Responsible for the PH.D Course	Department of Industrial and Information Engineering and Economics
PH.D Course Coordinator	Prof. Roberto Cipollone roberto.cipollone@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Qualification evaluation, written exam, oral exam.
Documents to be enclosed in the Application	1. CV 2. Italian Degree applicants must include a self-certification of their Degree with a list of exams taken and marks obtained. Applicants with



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>foreign Degrees must follow general regulations indicated by the University</p> <p>3. Applicants enrolled in an Italian Degree Course must include:</p> <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.
Exam schedule	<p>Written exam: 16 October, 2013 at 9:30 a.m. at the Department of Industrial and Information Engineering and Economics</p> <p>Qualification evaluation: 16 October, 2013 at 6:00 p.m. at the Department of Industrial and Information Engineering and Economics</p> <p>Oral exam: 17 October, 2013 at 9:00 a.m. at the Department of Industrial and Information Engineering and Economics</p>
Assessment Criteria	<p>The examination consists in three phases: written test with admission to have qualifications evaluated and to sit the oral exam. The candidate's score shall be expressed out of a total of 100 divided as follows:</p> <ol style="list-style-type: none">1. Qualification evaluation: the max. score is 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 qualifications2. Written test: max. 40 points with 24/40 passing mark;3. Oral exam: max. 30 points <p>The oral exam will include assessment of language skills in a another language</p> <p>For non-EU citizens who apply for additional (extra) positions, the admission process will include evaluation of qualifications and of a detailed research project to be presented by the candidate.</p> <p>The score obtained will be indicated out of 100 points as follows:</p> <ol style="list-style-type: none">a. Qualifications: up to 30 points as follows:<ul style="list-style-type: none">- Up to 20 points for the applicant's Degree mark;- Up to 10 points for publications and other qualificationsb. Up to 70 points for the research project presented.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

Ph.D Course in Mathematics and Modeling	
Positions available	8
Of which	
with full grant	4
without financial support	4
additional (extra) positions	2
Of which	
for temporary research fellows	1
for non-EU members	1
Grant/Fellowship Funding	<ul style="list-style-type: none">▪ n. 3 grants/fellowships University of L'Aquila▪ n. 1 grant/fellowship D.M. 198/03 per ricerca attinente l'ambito disciplinare <i>Materiali avanzati (in particolare ceramici) per applicazioni strutturali</i>
Duration	3 years
Curricula	a) Mathematics b) Modeling
University Department Responsible for the PH.D Course	Department of Engineering, Computer Science and Mathematics
PH.D Course Coordinator	Prof. ssa Anna De Masi demasi@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency to the required level Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 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 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
Documents to be enclosed in the Application	1.CV 2. Italian Degree applicants must include a self-certification of their Bachelor-level and Master-level Degree with exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University 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. <p>If the candidate has a foreign Degree obtained in a non-EU country a self-certification must be enclosed with the Degree indicating the title of the Degree, the exams taken and the marks obtained. If the candidate is admitted into the PH.D programme he/she must provide official documentation and, in any case, the testing committee reserves the right to evaluate the foreign Degree presented by the candidate.</p>



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>4. Applicants are required to have two professors send a letter of recommendation via e-mail to dottorato_mate_mode@dm.univaq.it. Applicants must indicate the names of these two professors in their application.</p> <p>The letters must contain the following information: the role of the writer in the candidate's training and educational process together with the writer's opinion regarding the applicants technical know-how, general knowledge, motivation to carry out research and communicative and interactive skills</p> <p>5. Summary, max. 2 pages, of the applicant's Degree thesis</p> <p>6. Other qualifications deemed appropriate for admittance.</p> <p>7. Photocopy of the applicant's identity card if he/she requests to take the oral exam via web.</p>
Exam schedule	<p>Qualification evaluation: 15 October, 2013 at 9:30 a.m. at the Department of Information Engineering, Computer Science and Mathematics</p> <p>Oral Exam: 17 October, 9:30 a.m at the Department of Information Engineering, Computer Science and Mathematics</p>
Assessment Criteria	<p>The examination consists in two phases: qualification evaluation and successive admittance to take the oral exam. Applicants' scores will be indicated out of a total of 100 points.</p> <p>1. Qualification evaluation: the commission will evaluate the candidate's CV, letters of recommendation, publications and other qualifications. The minimum score needed to be admitted to sit the oral exam is 30/50. The list of applicants admitted to sit the oral exam and the scores obtained will be posted on the Dept. DISIM web-site and in the bulletin board inside the Department premises..</p> <p>2. Oral exam: the oral exam consists in the presentation on behalf of the candidate 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. 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>



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D in Clinical Medicine and Public Health	
Positions available	10
of which	
with full grant	5
without financial support	5
additional (extra) positions	5
of which	
for temporary research fellows	2
for non-EU members	3
Grant/Fellowship Funding	▪ n. 5 Grants/Fellowships University of Aquila
Duration	3 years
Curricula	a) Epidemiology, Preventive, Rehabilitation and Occupational Medicine b) Internal Medicine, Aging and Nutraceutical Sciences c) Cardiovascular Science d) Nursing Sciences e) Legal, Management, Security and Protection Issues in the Public Health Sector
University Department Responsible for the PH.D Course	Life, Health and Environmental Sciences
PH.D Course Coordinator	Prof. Ferdinando di Orio ferdinando.diorio@cc.univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Qualification evaluation, written exam, oral exam
Documents to be enclosed in the Application	<ol style="list-style-type: none">1. CV2. Italian Degree applicants must include a self-certification of their Bachelor-level and Master-level Degree with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University3. Applicants enrolled in an Italian Degree Course must include:<ol style="list-style-type: none">a. self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;b. self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. Summary, max. 2 pages, of the applicant's Degree thesis5. Other qualifications – scientific publications – deemed appropriate for admission.
Exam schedule	Qualification evaluation: 29 October, 2013 at 9:30 a.m. Department of Life, Health and Environmental Sciences, Blocco XI Piazzale S. Tommasi, 1, L'Aquila Written exam: 31 October, 2013 at 9:30 a.m. at the Department of Life, Health and Environmental Sciences, Blocco XI Piazzale S. Tommasi, L'Aquila Language of exam: Italian or English Oral exam: 31 October, 2013 at 3:00 p.m. at the Department of Life, Health and Environmental Sciences, Blocco XI Piazzale S. Tommasi, L'Aquila



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	Language of the exam: Italian or English
Assessment Criteria	<p>Assessment consists in three phases: qualification evaluation, written exam and oral exam. The applicant's score shall be indicated out of a total of 100 points as follows:</p> <ol style="list-style-type: none">1. Qualification evaluation: up to 20 points divided as follows:<ol style="list-style-type: none">a. up to 6 points Degree mark obtainedb. up to 4 points for the applicant's Degree thesisc. up to 4 points for the applicant's CVd. up to 4 points for publicationse. up to 2 points for other qualifications <p>Evaluation results will be posted on the Department's web-site and on the Department bulletin board.</p> <ol style="list-style-type: none">2. Written exam (max. 40 points): Written paper chosen among the titles proposed by the examination commission on scientific topics pertaining to the PH.D course Curricula.3. 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. The oral exam will also include assessment of the applicant's English language skills in the scientific sector.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D in EXPERIMENTAL MEDICINE	
Positions available	16
of which	
with full grant	8
without financial support	8
additional (extra) positions	2
of which	
for temporary research fellows	2
for non-EU members	0
Grant/Fellowship Funding	<ul style="list-style-type: none"> ▪ n. 6 Grants/Fellowships University of L'Aquila ▪ n. 2 Grants/Fellowships D.M. 198/03 for research in the field of: <i>Salute dell'uomo (studio e trattamento dei tumori e delle malattie degenerative con nuovi approcci derivati dalla conoscenza del genoma umano)</i>
Duration	3 anni
Curricula	<p><i>a) Experimental, Clinical and Endocrinological Medicine</i></p> <p><i>b) Medical Biotechnology</i></p> <p><i>c) Biochemical Sciences</i></p> <p><i>d) Surgical Sciences</i></p> <p><i>e) Basic and Clinical Neurosciences</i></p>
University Department Responsible for the PH.D Course	Department of Biotechnological and Applied Clinical Sciences
PH.D Course Coordinator	Prof. Edoardo Alesse edoardo.alesse@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Qualification evaluation, written exam, oral exam
Documents to be enclosed in the Application	<ol style="list-style-type: none"> 1. CV 2. Italian Degree applicants must include a self-certification of their Bachelor-level and Master-level Degree with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University. 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. Applicants are required to have two professors send a letter of recommendation via e-mail to discab.sac@strutture.univaq.it. Applicants must indicate the names of these two professors in their application. The letters must contain the following information: the role of the writer in the candidate's training and educational process together with the writer's opinion regarding the applicants technical know-how, general knowledge, motivation to carry out research and communicative and interactive skills 5. Summary, max. 2 pages, of the applicant's Degree thesis 6. Other qualifications deemed appropriate for admittance



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>7. Photocopy of the applicant's identity card if he/she requests to take the oral exam via internet</p>
Exam schedule	<p>Written exam: 29 October, 2013 at 9:30 a.m. in Classroom C2-10 Coppito 2, L'Aquila</p> <p>Qualification evaluation: 29 October, 2013 at 4:30 p.m. in Classroom C2-10 Coppito 2, L'Aquila</p> <p>Oral exam: 30 October, 2013 at 9:30 a.m. in Classroom C2-10 Coppito 2, L'Aquila</p>
Assessment Criteria	<p>The examination consists in three phases: written test with admission to have qualifications evaluated and to sit the oral exam. The candidate's score shall be expressed out of a total of 100 divided as follows:</p> <ol style="list-style-type: none">1. Written exam: the max. score is 50 points. The applicant must obtain 35/50 to pass. The aim of the written exam is to assess the applicant's basic knowledge and technical skills regarding the scientific research issues pertinent to the PH.D curricula.2. Qualification evaluation: applicants may receive a max. of 20 points distributed as follows: CV: up to 6 points; Degree and exams taken: up to 8 points; other qualifications (Degree thesis, scientific publications, letters of recommendation): up to 6 points.3. The oral exam aims at assessing the applicant's experience in the research sector; his/her motivation and aptitude for research; discussion of a specific topic for the various curricula. The oral exam will include assessment of English language skills. Foreign applicants may request to sit the oral exam in English. Applicants must score a minimum of 15/30 to pass the oral exam.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D in HEALTH and ENVIRONMENTAL SCIENCES	
Positions available	12
of which	
with full grant	6
without financial support	6
additional (extra) positions	4
of which	
for temporary research fellows	2
for non-EU members (who have obtained a Degree qualifying them for admission into a Ph.D course in foreign non-European universities)	2
Grant/Fellowship Funding	<ul style="list-style-type: none">▪ 4 grants/fellowships University of Aquila▪ 1 grant/fellowship D.M. 198/03 for research in: <i>Nuove applicazioni dell'industria biomedicale</i>▪ 1 grant/fellowship D.M. 198/03 for research in: <i>Valorizzazione dei prodotti tipici dell'agroalimentare e sicurezza alimentare attraverso nuovi sistemi di caratterizzazione e garanzia di qualità</i>
Duration	3 anni
Curricula	<p><i>a) Translational Medicine</i> <i>b) Molecular and Ultrastructure Imaging</i> <i>c) Physiopathology of the Stomatognathic System</i> <i>d) Psychology, Psychiatry and Cognitive Neuroscience</i> <i>e) Environmental Sciences</i></p>
University Department Responsible for the PH.D Course	Department of Life Health and Environmental Sciences
PH.D Course Coordinator	Prof. Marco Ferrari marco.ferrari@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also participate.
Documents to be enclosed in the Application	Qualification Evaluation, Written Exam, Oral Exam
Exam schedule	<ol style="list-style-type: none">1. CV2. Italian Degree applicants must include a self-certification of their Bachelor-level and Master-level Degrees with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University3. Applicants enrolled in an Italian Degree Course must include:<ol style="list-style-type: none">a. self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained;b. self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained.4. Summary, max. 2 pages, of the applicant's Degree thesis5. Other qualifications deemed appropriate for admittance
Assessment Criteria	Qualification evaluation: 28 October 2013 at 9:30 a.m. at the Department of Life, Health and Environmental Sciences - Dipartimento di Medicina clinica, sanità pubblica, scienze della vita e dell'ambiente - Blocco XI - Piazzale S. Tommasi, 1



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	<p>Written exam, 30 October, 2013 at 9:30 a.m. at the Department of Life, Health and Environmental Sciences - Dipartimento di Medicina clinica, sanità pubblica, scienze della vita e dell'ambiente – Blocco XI - Piazzale S. Tommasi, 1</p> <p>Language of the exam: Italian or English</p> <p>Oral exam: 30 October, 2013 at 3:00 p.m. at the Department of Life, Health and Environmental Sciences - Dipartimento di Medicina clinica, sanità pubblica, scienze della vita e dell'ambiente – Blocco XI - Piazzale S. Tommasi, 1</p> <p>Language of the exam: Italian or English</p>
Positions available	<p>The examination consists in three phases: qualification evaluation, written exam and oral exam. Final score shall be indicated out of 100 points as follows:</p> <ol style="list-style-type: none">1. Qualification evaluation: 20 points distributed as follows:<ul style="list-style-type: none">- up to 4 points for Degree mark;-- up to 4 points for a Degree thesis pertinent to the PH.D curricula- up to 4 points for CV- up to 4 points for scientific publicationsup to 4 points for other qualifications deemed appropriate by the applicantThe results of qualification evaluation will be posted publically on the Department web-site and on the Dept. bulletin board2. Written exam (max. 40 points): Written paper chosen among the titles proposed by the examination commission on scientific topics pertaining to the PH.D course Curricula.3. . 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. The oral exam will also include assessment of the applicant's skills in English in relation to scientific sectors.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

PH.D in PHYSICAL and CHEMICAL SCIENCES	
Positions available	11
of which	
with full grant	8
without financial support	3
additional (extra) positions	2
of which	
for temporary research fellows	1
for non-EU members (who have obtained a Degree qualifying them for admission into a Ph.D course)	1
Grant/Fellowship Funding	<ul style="list-style-type: none">▪ 4 grants - University of L'Aquila▪ 1 grant - D.M. 198/03 for research in <i>ICT e componentistica elettronica</i>▪ 1 grant - I.N.F.N.▪ 1 grant co-financed by I.N.F.N.-LNGS and Intervento E - CFA del Progetto Speciale Multiasse La Società della Conoscenza in Abruzzo - PO FSE Abruzzo 2007-2013 Piano Operativo 2009-2010-2011 relative to the research topic: <i>Fisica astroparticellare</i>. Objective results will be assessed at 18 months .▪ 1 grant co-financed by CETEMPS relative to: <i>Fisica dell'atmosfera, meteorologia e telerilevamento</i>
Duration	3 years
Curricula	////
University Department Responsible for the PH.D Course	Department of Physical and Chemical Sciences
PH.D Course Coordinator	<i>Prof. Michele Nardone</i> michele.nardone@univaq.it
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency. Within the deadline indicated in this call for applications, candidates who are to obtain the above indicated Degree by 31/10/2013 may also apply.
Admission Procedure	Qualification Evaluation, Written Exam, Oral Exam
Documents to be enclosed in the Application	<ol style="list-style-type: none">1. CV ; Italian Degree applicants must include a self-certification of their Bachelor-level and Master-level Degree with a list of exams taken and marks obtained. Applicants with foreign Degrees must follow general regulations indicated by the University,2. 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;3. Thesis or Summary, max. 2 pages;4. Publications or other qualifications deemed appropriate for admittance
Exam schedule	Qualification evaluation: 17/10/2013 at 10:00 a.m. at the Department of Physical and Chemical Sciences - Dipartimento di Scienze Fisiche e Chimiche Written exam: 21/10/2013 at 10:00 a.m. at the Department of Physical and Chemical Sciences - Dipartimento di Scienze Fisiche e Chimiche Oral exam: 22/10/2013 at 10:00 a.m. at the Department of Physical and



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

	Chemical Sciences - Dipartimento di Scienze Fisiche e Chimiche
Assessment Criteria	<p>The examination consists in three phases: qualification evaluation, written exam and oral exam. Final score shall be indicated out of 100 points as follows:</p> <ol style="list-style-type: none">1. Qualification evaluation: Max. 20 points to be attributed as follows:<ul style="list-style-type: none">up to 12 points for the applicant's Degree thesis or academic career for those who are to obtain their Master-level Degree within the specified deadline;- up to 3 points for Degree thesis or summary of the thesis- up to 5 points for scientific publicationsThe results will be posted publically on the Department web-site and in the Department bulletin board.2. Written exam: up to 40 points.3. Oral exam: up to 40 points. <p>The oral exam shall include assessment of English language skills.</p>



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

ART. 4

Requirements for Access

Individuals holding a Master-level Degree or Degree corresponding to criteria specified in DM 509/1999 or those holding a foreign Degree with certified equivalency, within the deadline of this call for applications, can, with no limit as to age or citizenship, apply to participate in the PH.D selection process.

Individuals holding a foreign Degree without certified equivalency to the Degree required for the PH.D course must include the following in their application:

- a copy of the Degree obtained with a transcript of the exams taken and an Italian translation provided by the applicant under his/her responsibility;
- any other documentation deemed useful in terms of admission (Diploma Supplement, declarations etc.) and necessary for the Examination Commission to evaluate the Degree as conforming to requirements.

Individuals already holding a PH.D title can also apply but will not be eligible for financial support or grants. Individuals who are to obtain their Master-level Degree by 31st October, 2013 may also apply. If the examination procedures are held before the Degree is conferred admission will be deemed "con riserva" (subject to verification)

Application

The application, to be written according to the format included in this announcement, must be signed and must contain the mailing address selected for correspondence regarding this PH.D competition, applicants must present their applications by the 7th October, 2013 deadline. Applications arriving after this due date shall be discarded.

Applications may be presented in the following ways:

- consigned by hand at: *Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini di ricerca* at the "Reiss Romoli" – Via Giovanni Falcone, 25 – L'Aquila;
- by registered mail (with receipt of arrival) addressed to : Magnifico Rettore dell'Università degli Studi dell'Aquila *Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini di ricerca* - Via Giovanni Falcone, 25 – 67100 L'Aquila. The date on the post-office stamp will be taken into consideration in this case,
- by certified e-mail (PEC) sent to: **protocollo@pec.univaq.it**:
 - by PEC – certified e-mail, with the applicant's digital signature on the application and all other enclosed documents;
 - by the applicant's personal certified government e-mail enclosing all other required documents.

The applicant's signature is required, any unsigned applications or applications not containing the necessary declarations/documentation indicating that the applicant has all the required requisites to participate in the competition will be discarded.

omissis



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

In accordance with Law 104/1992 disabled applicants, shall indicate both the aids needed and whether additional time shall be needed by the applicant to carry out the prescribed examination requirements.

The University's administration shall not be responsible in case of lack of communication/correspondence due to incorrect or imprecise indications on behalf of applicants of their place of residence or address or late notice of any changes in address or other relevant changes taking place after their applications have been presented, furthermore no responsibility will be taken by the University's administration for any possible, postal, telegraph mishaps or other mishaps caused by third parties, chance or higher forces.

ART. 6

Application for Additional-Supernumerary Positions

Non-EU applicants benefiting from grants conferred by the Ministry of Foreign Affairs (Ministro Degli Affari Esteri) or by their own government, in alternative to what is stated in comma 1 of the above art.4, may be admitted into the additional or supernumerary PH.D Course positions.

Non-EU applicants who do not intend on competing for a grant are required to state this intention in their application, presented according to the indications prescribed in the above art. 5.

Temporary research fellows who do not intend on competing for grants may attend the PH.D Course notwithstanding the number of positions, **on the understanding that they pass the admission examinations.**

In order to be admitted into the additional positions, temporary research fellows are required to state this in their application which is to be presented **according to the indications prescribed in the above art. 5.**

Applicants who are conferred a temporary research fellowship **after** having presented their application for the PH.D Course, must send a written declaration of this to : *Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini di ricerca.* Individuals holding a temporary research fellowship shall be admitted without any financial support even if the PH.D Course continues after their temporary fellowship expires.

ART. 7

Examinations

The examination procedures and the dates of the exams are indicated for each PH.D Course, art.2. These dates are to be regarded as official legally-binding calls. **Applicants will therefore not receive any sort of call or summons by the University to sit the exams prescribed for the PH.D they have applied for.**

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

An applicant's absence at the time and place indicated for examinations will mean they renounce participation in the competition.

The applicant does not have to be present during qualification evaluation unless otherwise specified in art. 2. To sit the prescribed exams, applicants must be present in the indicated site on the dates and times indicated with a valid identification card.

The oral exam or interview, only if prescribed for the PH.D Course chosen, may be carried out in a language different from Italian.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

Applicants residing abroad may, only if indicated in the selection procedure prescribed in their chosen PH.D Course, sit the oral exam or interview using web conference communication systems (e.g. Skype). In this case, applicants are required to provide their contact information in their application and guarantee the use of a web-cam to allow the Commission to identify the applicant.

omissis

ART.9

Enrolment in PH.D Courses

Applicants who pass selection are required, within 15 days of the publication of selection results on the University web-site, to send the following documents using the forms available on the web-site to : **Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini di ricerca** dell'Università – Via Giovanni Falcone, 25 – 67100 L'AQUILA

- a. enrolment application, first year – academic year 2013-2014, of the PH.D Course they have been selected for on certified paper “carta legale” in accordance with art. 46 and 45 of the Presidential Decree of 28 December, 2000, n-445, containing the following:
 - self- certified declaration of citizenship
 - self-certified secondary (high) school Diploma;
 - self-certified Degree certificate indicating final mark;
 - statement declaring that the applicant is not also enrolled in a University Degree Course or a School of Specialisation (non-medical sector) or any other Master-level course, university-level vocational course or other doctoral or PH.D course;
 - statement declaring that the applicant shall, for the full duration of the PH.D Course they have been selected for, NOT ENROL in any other university course, as specified above.
 - statement declaring that the applicant shall adhere to and attend all activities prescribed for the PH.D Course they have been selected for in accordance with the decisions taken by the Board of Professors;
 - Statement declaring that the applicant shall ask the Board of Professors for authorization to accept, or continue to carry out, any other type of “external” work while they are enrolled in the PH.D Course;
- a) signed photocopy of the applicant’s identification document;
- b) photocopy of assigned fiscal-code number or equivalent in the applicant’s country (e.g. social security in the U.S.);
- c) photocopy of the applicant’s “permesso di soggiorno” (Italian-residence permit);
- e) a passport-size photo;
- f) receipt of payment of the regional university tax of €140,00 to be paid via bank transfer to: “Azienda per il Diritto agli Studi Universitari”, bank account: BPER./Code or IBAN: IT 88D 053 870 3601 000 000 040 909”.

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 have all other requisites called for by the Italian Republic.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

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

- original secondary school Diploma indicating mark awarded;
- original Degree certificate indicating mark awarded;
- Degree transcripts indicating the exams taken during the course.

If the applicants do not have all the above documentation at the time of enrolment they will be enrolled “con riserva” (subject to verification). In this case all abovementioned compulsory documentation must be consigned **by and no later than** the date of the official start of the PH.D course : **1st January 2014, failure to do so will result in expulsion from the course.**

Applicants ranked as deserving of a grant must present the following:

- 1) Application for grant or scholarship;
- 2) Declaration stating that they have NOT in previous occasions benefited from a grant or scholarship.

Within 15 days from the start of the PH.D Course, applicants who have been selected to participate must send a photocopy of a receipt from the INPS (national social security service) certifying that they have been registered in “posizione contributiva alla gestione separate”(for information visit the INPS web-site at www.inps.it), addressed to: Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini, Via Giovanni Falcone, 25 – 67100 L'AQUILA.

Applicants releasing false statements will be declared **dismissed** from the PH.D Course, notwithstanding criminal sanctions imposed by the law. Vacant positions will be assigned to other applicants in accordance with selection ranking – results..

Selected applicants who decide to renounce enrolment into the PH.D Course must give immediate written and signed notice, enclosing a photocopy (front-back) of a valid identification document.

Applicants selected as replacements must send in a written notice of acceptance within, and no later than, three days after being notified. All other necessary documents indicated in this announcement must be consigned within, and no later than, ten days.

omissis

ART. 17

Norme di riferimento

“Regolamento dei corsi di dottorato di ricerca”

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/section.php?id=1036>, and may also be accessed following this path: Home > Ricerca > Formazione della ricerca > Dottorati di ricerca > Bandi, Commissioni e graduatorie > XXIX ciclo.

Further information may be requested by contacting the *Settore II - Dottorati, Assegni di Ricerca, Borse di studio, Tirocini di ricerca* – tel. 0862/432062/432061/432032 e-mail dottorati@strutture.univaq.it.



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale

Dipartimento 3 - Didattica - Area Uffici Didattica

Settore II - Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca

L'Aquila, 4th September, 2013

The Rector
Prof. Ferdinando di Orio

Unità Organizzativa Responsabile: Settore Dottorati, Assegni di Ricerca, Borse di Studio, Tirocini di Ricerca
Via Giovanni Falcone, 25 – 67100 L'Aquila - e-mail dottorati@strutture.univaq.it – fax 0862/431214
Responsabile del Settore: Rossana Rotondi – tel. 0862/432032
Per eventuali informazioni rivolgersi a: Rosaria Caruso – tel. 0862/432061 - Gabriella Marcelli – tel. 0862/432062