



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Amministrazione centrale
Area Ricerca e Trasferimento Tecnologico
Settore Dottorati, Assegni e Borse di Ricerca

Rep. n. 1601/2015 - Prot. n. 40105 Attachments 1
of 17th November 2015
Year 2015 Tit. III Cl. 6 Fasc. 3

**PUBLIC COMPETITION FOR ADMISSION TO CYCLE XXXI -
Ph.D. COURSES IN MATHEMATICS AND MODELING
ACADEMIC YEAR 2015/2016**

**THE RECTOR
OF THE UNIVERSITY OF L'AQUILA
HEREBY ISSUES THE FOLLOWING DECREE**

(omissis)

**ART. 1
ADMISSION**

Public competition procedures based on qualifications and examinations for admission to the Ph.D. Course in Mathematics and Modeling

Ph.D. Course in Mathematics and Modeling	
Positions available	5
Of which	
with full grant	3
without financial support	2
Grant/Fellowship Funding	3 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 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.



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Admission Procedure	<p>Qualification evaluation and oral exam. Foreign applicants can take the oral exam in English.</p> <p>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.</p>
Documents to be enclosed in the Application	<ol style="list-style-type: none">1. CV2. Italian-Degree candidates must include a self-certification of their Bachelor-level and Master-level Degree with exams taken and marks obtained. Candidates with foreign Degrees must follow general regulations indicated by the University.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. Candidates are required to contact two professors and have them send a letter of recommendation via e-mail to dottorato_mate_mode@dm.univaq.it. Candidates 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 overall preparation, know-how, motivation to carry out research and communicative and interactive skills.5. Summary, max. 2 pages, of the candidate's Degree thesis6. Additional qualifications deemed appropriate for assessment7. 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</p> <p>English language skills and competence shall be assessed during the oral exam.</p> <p>Admission</p> <p>The candidate may sit exams in ENGLISH</p>
Exam schedule	<p>Qualification assessment: 30th November, 2015 at 5.30 p.m. at the Department of Information Engineering, Computer Science and Mathematics</p> <p>Oral Exam: 1st December 2015 at 2:00 p.m. at the Department of Information Engineering, Computer Science and Mathematics</p>



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Assessment Criteria	<p>The examination procedure consists in two phases: qualification assessment and possible admission to sit the 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. The list of candidates admitted to sit the oral exam and the scores obtained will be posted on the Dept. DISIM web-site and on the appropriate bulletin board inside the Department.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>
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. 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>



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ART. 2
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 Ph.D. course they wish to apply for 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.

The selection procedure is also open to candidates who have already obtained a Ph.D., although such candidates shall not be eligible for financial support or grants.

ART. 3
Applications

The application, to be written according to the format included in this announcement, must be signed and must contain the applicant's mailing address selected for correspondence regarding this Ph.D. competition, applicants must present **their applications by 26th November, 2015** deadline. Applications arriving after this due date shall be discarded.

Applications together with the documents requested may be presented by e-mail sent to **concorso.dottorati@univaq.it**.

All documents must be in pdf format.

The originals of the application and other documents provided will need to be presented to the exam commission, and/or to the Ph.D. offices, to sit the exam and to eventually enroll in the course if the candidate is selected for the position.

In the aforementioned application form, candidates must clearly state, under their own responsibility:

- a) all their personal details; and, as regards EU or non-EU citizens, an Italian address or that of their nearest Consulate in Italy is necessary;
- b) the exact title of the Ph.D. course they wish to apply for and the specific curriculum chosen;
- c) that they possess a good knowledge of the Italian language (for foreign candidates);
- d) their citizenship; in case of dual-citizenship with one being Italian, the candidate should indicate Italian citizenship;
- e) the title of the Degree they have obtained, or are about to obtain, or of the equivalent Degree obtained in a foreign university together with the date of the rector decree deeming it equivalent to the degree required for admission;
- f) that they are willing to regularly attend the Ph.D. course lessons which will be scheduled by the competent Board of Professors;



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- g) the foreign language(s) they are competent in;
- h) that he/she is not employed as a public servant;
- i) whether he/she is a foreign scholarship recipient;
- j) whether they have, or have not, already obtained a grant or scholarship for a Ph.D. course (even if only for one year or less);
- k) that he/she will immediately notify the University of any changes in address, residency etc.;
- l) that he/she is, or is not, a fellowship holder.

The candidate's signature is required in order for the application to be valid.

Any applications not containing declarations stating that the candidate possesses the qualifications required to apply for the Ph.D. course shall be discarded.

Applicants must also make a bank- transfer payment of **€ 35.00** to the University of L'Aquila using the following details:

- bank: BPER
- SWIFT code: BPMOIT22XXX
- IBAN: IT40Z0538703601000000198072

By and no later than Thursday 26th November 2015, the payment slip receipt must be attached to the application. If payment is not made by the deadline indicated, applications will be discarded.

The €35.00 application fee cannot be refunded under any circumstances.

In compliance with Law n.104/1992, disabled candidates, shall indicate all necessary aids and whether additional time shall be needed to carry out the indicated examination requirements.

The University's administration shall not be held responsible in case of lack of communication/correspondence due to incorrect or imprecise indications on behalf of applicants as to 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.

Candidates may request to recover the documents consigned with their applications 120 days after the selection results have been published. Candidates wishing to retrieve their documents may do so personally or request that they be mailed – postage to be paid by receiver. The request must be made within 60 days following the 120 day-period indicated above, after which all documents shall be discarded.

ART. 4 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 positions indicated are reserved exclusively for students selected through other procedures;
2. Positions reserved for foreign scholarship recipients;
3. Positions not covered by scholarships and reserved for candidates who have received their Degree abroad;
4. Positions with grants provided by the University of L'Aquila reserved for candidates holding foreign degrees.



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Candidates corresponding to situation n. 2 above shall obtain supernumerary positions in the Ph.D. Course selected once they have passed admission requirements.

ART. 5
Examinations

The examination procedures and the dates of the exams are indicated for each Ph.D. Course, art. 1. 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's absence at the time and place indicated for examinations will automatically mean he/she renounces participation in the competition.

Candidates are not required to be present during qualification assessment procedures.

To sit the prescribed exams for the course applied for, candidates must be present on the dates and times indicated with a valid identification card.

Candidates may request to sit the oral exam in another language other than Italian (check chart for details).

Candidates, due to just cause, may 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.

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ART. 7
Enrolment in Ph.D. Courses

Applicants who pass selection are required, within 14th December, 2015, to send the following documents using the forms available on the web-site to: Settore Dottorati, Assegni e Borse di Ricerca dell'Università – Via Giovanni di Vincenzo 16/b – 67100 L'AQUILA:

- a) enrolment application, first year – academic year 2015/2016, of the Ph.D. Course they have been selected for on certified paper “carta legale” in accordance with art. 46 and 47 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 or any other Master-level course, university-level vocational course or other doctoral or Ph.D. course;



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- 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;
- b) signed photocopy of the applicant’s identification document;
- c) photocopy of assigned fiscal-code number or equivalent in the applicant’s country (e.g. social security in the U.S.);
- d) 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”;
- g) Candidates obtaining a position with no grant or funding provided must also attach their first-installment payment receipt of €52.00 which must be made by bank transfer to the University of L'Aquila using the following details:-
- Bank: BPER
 - SWIFT code: BPMOIT22XXX
 - IBAN: IT40Z0538703601000000198072
 - Branch: Banca popolare dell'Emilia Romagna, Sede dell'Aquila (ABI 05387 CAB 03601)
 - Institution code (Ente): 7101102

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” (con riserva). In this case all above mentioned compulsory documentation must be consigned **by and no later than 31th December 2015, failure to do so will result in expulsion from the course.**

Candidates ranked in a position allowing them to benefit from a scholarship must present a self-declaration to obtain the scholarship for the Ph.D. course they shall attend, together with a credit entry 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,



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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).

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. 9 **Grants – Scholarships**

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

In case of joint-winners the available scholarship shall be conferred on the basis of the candidates' economic situation in compliance with D.P.C.M. 9/4/2001 and successive amendments. A Ph.D. study grant amounts to €13,638.47 and subject to INPS (Social Security Service) contributions amounting to 30,72% in 2015, of which 10,24% is to be paid by the grant beneficiary.

From the second year of each Ph.D. course, in addition to the grant and according to financial resources, a research budget, not inferior to 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 last one year 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 accumulated 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.

ART. 10 **Lessons Abroad**

Ph.D. students can carry out training periods abroad in qualified institutions. Such training or study periods abroad can be for a period of no longer than half the duration of Ph.D. course and can arise due to:

- a) The study program of the Ph.D. course
- b) Upon advice of the course coordinator or board



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c) Upon request made by the Ph.D. student

The sum of the grant 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.

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

- 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 majority 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 financial commitment for the majority of the scholarship, if this sum is to be paid by the Department

ART. 11 Tuition Fees

The full tuition amounts to € 104.00 per year with the following reductions based on income brackets and in accordance with fees applied to university students.

Income bracket	Tuition	Tax bracket
Total income up to €25,306.39 (payment of first installment <u>only</u>)	€ 52.00	1°
Total income higher than €25,306.39 less than € 51,645.69 (second installment € 26.00)	€ 78.00	2°
Total income higher than €51,645.69 (second installment € 52.00)	€104.00	3°

Ph.D. students who are not scholarship holders must present their 2014 Revenue documents in order to qualify for reductions, if this is not done by 29th February 2016, they will have to pay full tuition.

Tuition fees are divided into 2 installments:

First installment: € 52.00 to be paid at enrolment

Second installment: to be paid according to income bracket as indicated above by and no later than 30th April 2016

Late payment will result in a € 52.00 fine.

Payment details regarding the second installment shall be e-mailed directly to the Ph.D. student, at the e-mail address indicated.

Scholarship holders are exonerated from tuition payments.



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All Ph.D. students must pay the required Regional tax (tassa regionale per il diritto allo studio) as specified in Art. 7.

ART. 12 **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;
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.

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ART. 15 **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: [Research - XXXI Cycle](#) and may also be accessed through path: Home> Ricerca> Formazione della ricerca> Dottorati di ricerca> Bandi, Commissioni e graduatorie > XXXI ciclo.

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

L'Aquila 17th November, 2015,

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