



# UNIVERSITÀ DEGLI STUDI DELL'AQUILA

AMMINISTRAZIONE CENTRALE  
AREA GESTIONE DELLE RISORSE UMANE  
SETTORE CONCORSI E SELEZIONI

D.R. Rep. n. 228 - 2022 Prot. n. 35248 del 16.03.2022 Allegati: 11  
Anno 2022 - tit. VII cl. 1 fasc. 17

## THE RECTOR

**Having regard** to Italian Law 168, 9 May 1989 establishing the Ministry of Higher Education, Scientific Research and Technology;

**Having regard** to Italian Law n. 240, 30 December 2010, “Norms regarding the organization of Universities, academic personnel and recruitment, as well as mandating the Government to provide incentives for quality and efficiency of the University system” and in particular Art. 24, Art. 22 paragraph 9 and Art. 29, paragraph 5;

**Having regard** to Italian Law n. 241, 7 August 1990, as amended and supplemented, concerning administrative procedures and the right to access administrative documents;

**Having regard** to Law n. 183, 12 November 2011 (*Legge di Stabilità 2012*) and in particular Art. 15 regarding certifications and declarations;

**Having regard** to Italian Law n. 106, 15 April, 2004 and Presidential Decree n. 252, 3 May 2006, containing norms relating to depositing documents of cultural interest for public use;

**Having regard** to Law n. 232, 11 December 2016 (*Legge di Stabilità 2017*);

**Having regard** to Law n. 205, 27 December 2017 (*Legge di Stabilità 2018*);

**Having regard** to Law n. 145, 30 December 2018 concerning the “Estimated budget for the financial year 2019 and the multiannual budget for the three-year period 2019-2021;

**Having regard** to Leg. Decree n. 165, 30 March 2001, as amended and supplemented, in particular Articles 35, 35bis, 36, 37, 38 and 57;

**Having regard** to Presidential Decree 445, 28 December 2000, containing regulations concerning administrative documentation (*Testo Unico*);

**Having regard** to Leg. Decree 196, 30 June 2003 and Leg. Decree n. 101, 10 August 2018, implementing the UE Regulation n. 679/2016 regarding personal data protection;

**Having regard** to Leg. Decree n. 82, 7 March 2005 “Digital Administration Code”, as amended and supplemented;

**Having regard** to Leg. Decree n. 198, 11 April 2006, “Equal Opportunities for Men and Women”;

**Having regard** to Leg. Decree n. 49, 29 March 2012 for disciplining the programming, monitoring and assessment of budget management and recruiting policies adopted by universities;

**Having regard** to Leg. Decree n. 5, 09 February 2012 converted into Law n. 35, 04 April 2012, “Urgent Dispositions as to Simplification and Development”;

**Having regard** to Presidential Decree n. 62, 16 April 2013, “Civil Servants’ Behaviour Code”

**Having regard** to Leg. Decree n. 33, 14 March 2013, “Restructuring the sphere of advertising, transparency and dissemination of information by Public Administrations”, as amended and supplemented;

**Having regard** to Ministerial Decree n. 243, 25 May 2011, concerning criteria and parameters for preliminary assessment of public selection candidates, recipients of contracts as indicated in Art. 24, paragraph 2, letter c) of Italian Law n. 240, 30 December 2010;

**Having regard** to Ministerial Decree n. 159, 12 June 2012, on the determination of competition areas, grouped into competition macro-areas;

**Having regard** to Ministerial Decree n. 855, 30 October 2015, redetermining macro-sectors and competition sectors;



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**Having regard** to the Statute of the University of L'Aquila, established by the Rector's Decree n. 36-2017, 20 February 2017, entered into force as of 9 March, 2017;

**Having regard** to the University of L'Aquila's Code of Ethics/Behaviour established by the Rector's Decree n. 734-2020, 27 July 2020;

**Having regard** to the University of L'Aquila's Regulations concerning the meetings of the Academic Bodies using telematic technology established by the Rector's Decree n. 467-2016, 18 April, 2016, as modified by the Rector's Decree n. 318-2020, 17 March, 2020;

**Having regard** to the University's Regulations as to recruitment of fixed-term university Researchers established by Rector's Decree n. 621-2012, 05 April 2012 as modified by Rector's Decree n. 860-2013, 05 June 2013, by Rector's Decree n. 1490-2015, 29 October 2015, by Rector's Decree n. 225-2019, 01 April 2019 and lastly by Rector's Decree n. 580-2020, 29 May 2020;

**Having regard** to the University's Regulations as to assignation of teaching tasks to professors and researchers established by Rector's Decree n. 915-2017, 19 December 2017;

**Having regard** to the resolutions by the University Academic Bodies concerning staff planning and distribution of resources for recruiting First and Second Tier Professors and Researchers; **Having regard** to Leg. Decree n. 34, 19 May 2020 converted with amendments into Law n. 77, 17 July 2020, concerning urgent measures on public health, support to the work and to the economy as well as on social policies related to the COVID-19 pandemic, and in particular Art. 238:

- *Par. 1 – “In order to support young people’s access to research, the universities’ responsible self-rule and the competitiveness of the Italian university system and research at international level, in the year 2021 – notwithstanding the provisions in force on recruitment, and anyhow, in addition to recruitment policies provided for by Art. 6, Par. 5sexies of Decree-Law n. 162, 30 December 2019, converted with amendments by Law n. 8, 28 February 2020 - the recruitment of researchers in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December 2010, is authorized up to a maximum of € 200 million as from the year 2021. For the allocation among the universities of the resources provided for in this paragraph, the provisions referred to in Art. 6, Par. 5-sexies of Decree-Law n. 162, 30 December 2019 are applied. For the purposes of this paragraph the Ordinary Financing Fund (FFO) of the universities, provided for in Art. 5, Par. 1, letter a), of Law n. 537, 24 December 1993, is increased by € 200 million as from the year 2021;*
- **Omissis**
- *Par. 3 - Any unused portion of the resources for the purposes referred to in Par. 1 and 2 is to be made available, in the same budget year, for the other purposes of the ordinary financing fund of the universities and of the ordinary fund of research bodies and institutions”;*

**Having regard** to Ministerial Decree n. 856, 16 November 2020, concerning the *2020 Second Special Plan for recruiting Researchers*, as referred to under Art. 24, Par. 3, letter b) of Law n. 240, 30 December 2010 registered by the Court of Auditors on 1 December 2020 n. 2287 and published on the Ministry website in the section programming and financing, and in particular Table 1 – “Assignation positions and resources Researchers type b)” according to which 37 positions have been assigned to the University of L'Aquila;

**Having established** that the expenses to pay the salary for the three-year period of the fixed-term, full-time Researchers in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010 will be covered by the resources allocated by MIUR to the University – *Second Special Plan for recruiting Researchers - Ministerial Decree n. 856/2020*;

**Having regard** to the resolution of the Department of Industrial and Information Engineering and Economics dated 16 November 2021 - forwarded with note n. 3996 on November 18, 2021 and



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received the same date with Prot. n. 130322 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 13/B3 – Organization and Human Resources Management - Academic Discipline **SECS-P/10** – Organization and Human Resources Management;

**Having regard** to the resolution of the Department of Human Studies n. 21/2022 dated 9 February, 2022 - forwarded on 10 February 2022 and received the same date with Prot. n. 17108 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 11/D1 – Educational Theories and History of Educational Theories - Academic Discipline **M-PED/02** – History of Pedagogy and Education;

**Having regard** to the resolution of the Department of Information Engineering, Computer Science and Mathematics n. 4/2022 dated 9 February, 2022 - forwarded on 11 February, 2022 and received the same date with Prot. n. 17405 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 01/A2 – Geometry and Algebra - Academic Discipline **MAT/02** – Algebra;

**Having regard** to the resolution of the Department of Information Engineering, Computer Science and Mathematics n. 5/2022 dated 9 February, 2022 - received on 11 February, 2022 with Prot. n. 17406 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 01/A6 – Operations Research - Academic Discipline **MAT/09** – Operations Research;

**Having regard** to the resolution of the Department of Life, Health and Environmental Sciences n. 5/2022 dated 15 February, 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 20576 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 05/E1 – General Biochemistry - Academic Discipline **BIO/10** – Biochemistry;

**Having regard** to the resolution of the Department of Life, Health and Environmental Sciences n. 7/2022 dated 15 February, 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 20583 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 05/B1 – Zoology and Anthropology - Academic Discipline **BIO/05** – Zoology;

**Having regard** to the resolution of the Department of Life, Health and Environmental Sciences n. 6/2022 dated 15 February, 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 20599 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 05/H1 – Human Anatomy - Academic Discipline **BIO/16** – Human Anatomy;

**Having regard** to the resolution of the Department of Life, Health and Environmental Sciences n. 9/2022 dated 15 February, 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 20596 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010,



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for the Academic Recruitment Field 05/A2 – Plant Physiology - Academic Discipline **BIO/04** – Plant Physiology;

**Having regard** to the resolution of the Department of Industrial and Information Engineering and Economics n. 60/2022 dated 15 February 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 20289 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 09/C1 – Fluid Machinery, Energy Systems and Power Generation - Academic Discipline **ING-IND/09** – Energy Systems and Power Generation;

**Having regard** to the resolution of the Department of Industrial and Information Engineering and Economics n. 59 dated 15 February 2022 - forwarded on 16 February, 2022 and received the same date with Prot. n. 23021 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December, 2010, for the Academic Recruitment Field 09/A2 – Applied Mechanics - Academic Discipline **ING-IND/13** – Applied Mechanics;

**Having regard** to the resolution of the Department of Civil, Construction-Architectural and Environmental Engineering n. 47/2022 dated 21 February 2022 - forwarded on 21 February 2022 and received the same date with Prot. n. 23179 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December 2010, for the Academic Recruitment Field 08/A4 – Geomatics - Academic Discipline **ICAR/06** – Surveying and Mapping;

**Having regard** to the resolution of the Department of Civil, Construction-Architectural and Environmental Engineering n. 47/2022 dated 21 February 2022 - forwarded on 21 February 2022 and received the same date with Prot. n. 23179 - concerning the request of a selection procedure to recruit 1 fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December 2010, for the Academic Recruitment Field 08/C1 – Design and Technological Planning of Architecture - Academic Discipline **ICAR/10** – Architectural Engineering;

**Having regard** to the resolution n. 385/2021 issued by the Board of Directors on 15 December 2021, after having assent from the Senate, authorizing the selection procedure requested by the Department of Industrial and Information Engineering and Economics for the Academic Discipline 13/B3 – Organization and Human Resources Management, Academic Discipline SECS-P/10 – Organization and Human Resources Management;

**Having regard** to the resolution n. 32/2022 issued by the Board of Directors on 23 February 2022, after obtaining assent by the Senate, authorizing the remaining above-mentioned 11 public selection procedures;

**Having verified** that the expenses to pay the salary for the three-year period of the fixed-term, full-time Researchers in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010 will be totally covered by the funds provided by MUR – *Second Special Plan for recruiting Researchers* - Ministerial Decree n. 856/2020;

**Having regard** to the University of L'Aquila's temporary Regulations concerning the procedures for carrying out interviews using telematic technology in selection procedures for RTD/A and RTD/B as well as the interviews for testing language skills in selection procedures for First and Second Tier professors established by the Rector's Decree n. 339-2020, 26 March, 2020;

## DECREES THE FOLLOWING:



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## Art. 1 – Public Selection, positions available and objective of the contract

- 1) A public selection procedure is being held at the University of L'Aquila to recruit **n. 12 fixed-term (3 year) full-time Researchers** for different Departments in compliance with Art. 24, Par. 3, Letter b) of Italian Law 240/2010, 30 December 2010 and related University Regulations, specified as follows:

Department		Academic Recruitment Field	Academic Discipline	n. positions
1	Department of Industrial and Information Engineering and Economics	13/B3 – Organization and Human Resources Management	SECS-P/10 – Organization and Human Resources Management	1
2		09/C1 – Fluid Machinery, Energy Systems and Power Generation	ING-IND/09 – Energy Systems and Power Generation	1
3		09/A2 – Applied Mechanics	ING-IND/13 Applied Mechanics	1
4	Department of Human Studies	11/D1 – Educational Theories and History of Educational Theories	M-PED/02 – History of Pedagogy and Education	1
5	Department of Information Engineering, Computer Science and Mathematics	01/A2 – Geometry and Algebra	MAT/02 - Algebra	1
6		01/A6 – Operations Research	MAT/09 – Operations Research	1
7	Department of Life, Health and Environmental Sciences	05/E1 – General Biochemistry	BIO/10 - Biochemistry	1
8		05/B1 – Zoology and Anthropology	BIO/05 - Zoology	1
9		05/H1 – Human Anatomy	BIO/16 - Human Anatomy	1
10		05/A2 – Plant Physiology	BIO/04 - Plant Physiology	1
11	Department of Civil, Construction-Architectural and Environmental Engineering	08/A4 - Geomatics	ICAR/06 – Surveying and Mapping	1
12		08/C1 – Design and Technological Planning of Architecture	ICAR/10 – Architectural Engineering	1

- 2) Attachments **1 through 12** form integral part of this selection announcement, indicating according to the Departments' resolutions, research, teaching, integrated activities and services to the students object of the contract, foreign language requisite, maximum number of publications and, with due regard for criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, further assessment criteria of the candidates.

The candidate's Ph.D. thesis, in compliance with Ministerial Decree 243/2011, 25 May 2011 is to be considered a publication and included among the publications submitted.



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- 3) For the description of the subjects of the Academic Recruitment Fields indicated in this selection announcement reference has to be made to Ministerial Decree n. 855, 30 October 2015.

## Art. 2 – Admission Requisites and Causes for Exclusion

1. The selection procedure is open to Italian, EU and non EU citizens holding an Italian residency permit as per Leg. Decree 165, 30 March 2001, Art. 38 and possessing a Ph.D., or an equivalent degree obtained in Italy or abroad or a medical Specialization Diploma where required.

Candidates must also have **at least one of the following qualifications**:

- having obtained National Scientific Qualification, in compliance with Art. 16 of Italian Law no. 240/2010, 30 December 2010, for the functions of First or Second Tier Professor;
- having obtained a medical Specialization Diploma in the Academic Discipline or similar discipline where required;
- having obtained contracts defined in Art. 24, comma 3, letter a) Law n. 240, December 30, 2010;
- having obtained research grants for at least 3 years (not necessarily consecutively) in compliance with Art. 51, comma 6, Law n. 449/1997, 27 December 1997 as amended and supplemented or in compliance with Art. 22, Law n. 240/2010, 30 December 2010 **OR** postdoctorate grants in compliance with Art. 4, Law n. 398/1989, 30 November 1989, **OR** analogous contracts, grants or scholarships in foreign universities;
- have been assigned, for at least 3 years, contracts stipulated in compliance with Art. 1, comma 14, Law n. 230/2005, 4 November 2005;

With reference to admission requisites it is specified that:

- If obtained abroad, the Ph.D. must be accompanied by the official declaration of equivalency issued by the relevant authorities of the foreign country; if the candidate is not in possess of such a documentation within the deadline for application submission, to be submitted anyhow within the date of official appointment by the Department, he/she shall submit a copy of the application for obtaining such a declaration;
- Contracts, grants or post-doctorate grants must be accompanied by a detailed description of their typology, period and appointing bodies, in particular if concerning activities carried out abroad (complete with a declaration of conformity with the original and certified Italian translation if written in a language other than English), in order to assess the qualification suitability.

### Admission requisites must be held by applicants within the deadline for application submission.

2. The following categories may not participate in this public selection procedure:
- a) First or second tier university professors or Researchers already holding an open-ended contract or who have held such positions in the past either, even if terminated;
  - b) Individuals who have already held fixed-term research contracts as provided in Arts. 22 and 24 of Italian Law 240/2010 at the University of L'Aquila or at other Italian Universities, whether public, private or online, or bodies under paragraph 1 of Art. 22 of Italian Law 240/2010 for a period, in addition to the intended duration of the competition contract, exceeding a total of 12 years, even if not continuing. Maternity or sick leave as provided in the laws in force shall not be included in the duration of the aforementioned employment contracts;
  - c) Individuals not entitled to exercise civil and political rights;



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- d) Individuals who have been dismissed or relieved from office with a Public Administration for consistently poor performance or have been dismissed from a civil service job as provided in Art. 127, Letter d) of Presidential Decree no. 3, 10 January 1957.
  - e) Individuals who are related, up to the fourth degree, to professors belonging to the recruiting Department including the Rector, General Director, any member of the Board of Trustees.
3. The contracts outlined for this selection procedure referred to in Art. 24, paragraph 3, letter b, Law 240/2010 cannot be accumulated with other research grants as per Italian Law n. 449, 27 December 1997 Art. 51 and Italian Law n. 240, 30 December 2010 Art. 22.
  4. Candidates are granted conditional admission, as the University Administration reserves the right to review applications and to exclude for just cause at any time until the end of the procedure. In this case a decree shall be issued by the Rector and the excluded candidate shall be notified by the Administration by registered post with notice of receipt or by certified e-mail (PEC) if provided.

## Art. 3 - Application Submission Procedure and Deadline

1. To participate in the selection, candidates must submit their application within **30 days from the day following publication of the announcement in the Gazzetta Ufficiale della Repubblica Italiana – 4° Serie speciale – Concorsi ed Esami**. The publication of the selection announcement is also posted in the University, Ministry and EU websites.
2. The application for the selection procedure as well as qualifications, documents and publications are to be submitted telematically, on pain of exclusion, via the online tool available at <https://pica.cineca.it/univaq>. The computer application necessarily requires that the candidate has an e-mail account in order to register. Candidates must enter all data required to fill in application and attach all documents in .pdf format. The application form must be filled in all its parts according to the instructions given by the telematic procedure. **No other ways of presenting applications or documents for the procedure are allowed, except for the case described in Art. 5, paragraph 2 of this announcement.**

Within the deadline for application the system allows to save a draft of the application. The date of telematic submission of the application shall be certified by a receipt sent automatically by the system. **Applications received after the deadline set by this Call will not be taken into consideration.**

An identification number shall be assigned to each application which, along with the selection procedure code indicated in the computer application, shall be quoted in any further notice.

For any technical problems candidates may contact technical support at: [univaq@cinca.it](mailto:univaq@cinca.it).

3. The application submission shall be perfected and concluded in the following ways:
  - **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 uploaded again to the system. Any editing to the file before signing with the Digital Signature shall interfere



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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.
4. All applications are subject to verification, in any case the following shall be cause for exclusion:
- omission of signature, in accordance with laws and regulations; -  
not including a copy of a valid identification document.

Applications deemed as lacking the required elements specified in the selection announcement or not in compliance with what specified in this article shall be excluded by Rector's Decree and candidates shall be notified of the said exclusion by registered post with notice of receipt or by certified e-mail (PEC).

5. In his/her application the candidate is required to declare the following: 1)

Surname and name;

2) Date and place of birth;

3) Tax code (Italian and foreign citizens to which a tax code (codice fiscale) has been issued by competent authorities);

4) Residency;

5) Citizenship;

6) The selection procedure they want to participate in;

7) That he/she has the following requisites for participation as indicated in Art. 2 of this announcement;

8) That he/she is in possession of his/her civil and political rights:

a) **Italian candidates** shall also state on their own account:

- Which electoral college they are registered in (municipality) and any reasons for lack of registration or deletion;
- Their current situation with regard to military service;

b) **Foreign candidates** shall also state on their own account:

- That they are in possession of their civil and political rights in their country or, supply the reasons for lack thereof;

9) That they have not been convicted of a crime nor are they aware of being subject to criminal proceedings or of any pending criminal proceedings against them;

10) That they have not been dismissed or relieved from office with a Public Administration for consistently poor performance, or that they have not been dismissed from a civil service job as provided in Art. 127, Letter d) of D.P.R. n. 3, 10 January 1957;

11) That they are not related, up to the fourth degree, to professors belonging to the recruiting Department including the Rector, General Director, any member of the Board of Trustees;

12) That they do not have a position as First or Second Tier university Professors or as open-ended contract Researchers, and have not held such positions in the past either, even if terminated;

13) That they have not already held fixed-term research contracts as provided in Arts. 22 and 24 of Italian Law n. 240/10, 30 December 2010 at the University of L'Aquila or at other Italian Universities, whether public, private or online, bodies under Par. 1 of Art. 22 of Italian



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Law n. 240/10, 30 December 2010 for a period, in addition to the intended duration of the competition contract, exceeding a total of 12 years, even if not continuing.

- 14) **if not an Italian citizen**, that he/she has an adequate knowledge of the Italian language;
  - 15) that he/she is aware that the Examining Board shall be nominated by Rector's Decree published on the University's Albo Ufficiale and posted on the relevant page of the university website [www.univaq.it](http://www.univaq.it);
  - 16) that he/she is aware that the Rector's Decree concerning the list of candidates admitted to the selection procedure shall be notified by mail to the candidate, published on the University's Albo Ufficiale and posted on the relevant page of the University website [www.univaq.it](http://www.univaq.it) after the preliminary meeting of the Examining Board;
  - 17) that he/she is aware that the assessment procedure adopted by the Examining Board in the first meeting and the interview dates are published for at least seven days on the University's Albo Ufficiale and posted on the relevant page of the university website [www.univaq.it](http://www.univaq.it);
  - 18) that he/she is aware that all documents related to the selection procedure together with decree of approval are published on the University's Albo Ufficiale and posted on the relevant page of the university website [www.univaq.it](http://www.univaq.it), in all effects representing official notice to the candidates participating.
6. In their applications, candidates must include their selected mailing address for notifications, a telephone number, a mobile number and an e-mail address. Any changes in the above information must immediately be notified to the Settore Concorsi e Selezioni – Palazzo Camponeschi – Piazza Santa Margherita, 2 - 67100 L'Aquila – 67100 L'Aquila, e-mail: [conc@strutture.univaq.it](mailto:conc@strutture.univaq.it).

In compliance with Law 104/1992, candidates with disabilities must apply for any necessary aid. 7. All declarations made by candidates are to be considered in compliance with Presidential Decree n. 445, 28 December 2000 as amended and supplemented. **Non-EU citizens** with a regular residence permit may use the Personal Declarations of Certification in accordance with the procedure laid down for EU citizens whenever it is necessary to provide proof of status, facts or personal qualities certifiable or confirmable by Italian public agencies or if the production of self-executed certificates takes place under international agreements between Italy and the applicant's country of origin.

8. The Administration shall carry out a verification process on the contents of declarations, any false declarations shall lead to the candidate losing any benefits obtained thanks to said declarations and are subject to related laws.
9. The University Administration declines all responsibility for un-received notifications due to the candidate's failure in providing a correct address or not notifying the University in due time of any change in the address given in the application or for any postal or telegraphic services, misdeliveries, or due to third parties, unforeseeable events or force majeure.
10. **Candidates shall not be able to modify their applications after the indicated deadline; applications deemed as lacking the required elements specified in Art. 2 of the selection announcement, or under one of the causes of exclusion specified in Paragraph 5. of this article, or the declarations specified in Paragraph 6. of this article, shall be excluded by Rector's Decree and candidates shall be notified of the said exclusion.**



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## Art. 4 – Required Application Attachments

Candidates must also attach the following to their applications: a)

A photocopy of a valid identity document;

b) A photocopy of their tax code (codice fiscale);

c) A Curriculum Vitae listing their scientific and teaching activities, written in Italian and in English, signed as indicated in Art. 3, Paragraph 3 of this announcement; d) A list of qualifications;

e) A copy of qualifications (only for those which cannot be presented with a personal declaration of certification) complete with a certification of authenticity and certified Italian translation if written in a language other than English;

f) A numbered list of publications;

g) A list of the candidate's teaching experience indicating the University/Body, the period and the subject taught;

h) Publications not exceeding the number indicated in the attachments to the present announcement;

i) A copy of residency permit (non EU citizens).

All qualification certificates issued by Italian Public Administration Authorities must only be self-certified as pursuant to Italian Law n. 183, 12 November, 2011.

Non EU Citizens with a regular Italian residence permit may submit original or scanned copies of qualifications, authenticated or certified copies of the original.

## Art. 5 - Publications

1. Publications presented must be submitted only in .pdf format in the dedicated section of the telematic procedure at <https://pica.cineca.it/univaq>.
2. **Each publication shall not exceed the limit of 30 megabyte.**

**Those publications exceeding the limit of 30 megabyte** shall be indicated in a numbered list to be entered in the online platform and uploaded in .pdf format to a digital medium (USB, CD, DVD) to be posted within the application deadline by registered mail, express post or package or service with notice of receipt to the following address: Settore Concorsi e Selezioni – Palazzo Camponeschi – Piazza Santa Margherita, 2 - 67100 L'Aquila. The date when the envelope was accepted by the post office or express service company shall be taken into consideration. Any applications whose publications (exceeding the 30 megabyte) shall be excluded that, though posted within the deadline under comma 1 of Article 3 of this selection announcement, do not arrive at the University Administration within the fifth day after the designated deadline. In the latter case the date of arrival at the University shall be taken into consideration. The University Administration declines all responsibility for any non-deliveries or misdeliveries of the publications, or other problems due to third parties, unforeseeable events or force majeure. The candidate must indicate on the envelope containing the publications: the University issuing the selection procedure, the requesting Department, the academic recruitment field, academic discipline, position being applied for, name, surname, mailing address for all selection procedure related notifications, selection procedure code and identification number assigned by the computer application.

If the maximum number of publications indicated in the attachments to this selection procedure is not observed, the system shall not allow to complete the application procedure.

Candidates cannot make references to other publications/documents presented previously to the University of L'Aquila or to any other administration/institution.



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3. Works published in Italy will be assessed if they comply with legal standards and are pursuant to Leg. Decree n. 660, 31 August 1945 as amended by Italian Law n. 106, 15 April 2004 and Presidential Decree n. 252, 3 May 2006. This requires certification to be provided with the application or a personal declaration pursuant to Presidential Decree n. 445, 28 December 2000; for works published abroad the date and place of publication must be indicated.
4. Publications written in a foreign language must be accompanied by a certified Italian translation by official translator or consulate/embassy. The translation process is not required for publications written in French, English, German and Spanish.

## **Art. 6 - Renouncing Participation**

Candidates wishing to renounce participation in the selection procedure are required to write to the Rector to declare their intentions, including in their letter a photocopy of a valid identity document, to the following address: Settore Concorsi e Selezioni – Palazzo Camponeschi – Piazza Santa Margherita, 2 - 67100 L'Aquila, e-mail: [conc@strutture.univaq.it](mailto:conc@strutture.univaq.it). Their renouncement shall be made official during the first meeting following receipt of renouncement.

## **Art. 7 - Nomination of the Examining Board**

1. The Examining Board is appointed by a Rector's Decree upon nomination of the Department requesting the position as per Regulations as to recruitment of fixed-term university Researchers appointment indicated in the introduction to this selection announcement.
2. The Rector's Decree appointing the Examining Board shall be published on the University's Albo Ufficiale and on the University website.
3. From the date the Rector's Decree nominating the Examining Board is published candidates have 10 days to state their opposition to any of the components of the Board. If the cause of the objection arises after the time indicated above so long as before the date of the Board's taking office, the period shall run from its occurrence. After this period, and anyhow after the Board's taking office, no instances may be presented.
4. The Board nominates a President and a Secretary.
5. The Board operates with the presence of all its members and takes decisions unanimously.
6. Participation in all Board activities is mandatory for all members.
7. The Board, after notifying the Head of the selection procedure, may hold meetings using telematic technology. At the end of the meeting the minutes must be drawn up, approved, and signed by the Secretary who has actually drawn them up. The other members of the Examining Board underwrite a statement in which they declare that they have joined the meeting and undersigned the minutes and then forward them telematically to the competent administration office. Where applicable, reference has to be made to the University's Regulations (Rector's Decree n. 467-2016, 18 April 2016 as modified by Rector's Decree n. 318-2020, 17 March 2020).
8. Expenses incurred may be reimbursed in accordance with the University's Regulations pursuant to Art. 7, Paragraph 12 in reference to the recruitment of fixed-term Researchers.

## **Art. 8 - Role and Duties of the Examining Board**

1. In the first session the Board, having determined that in compliance with related laws, no incompatibility factors are present, outlines the preliminary assessment criteria and procedures



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for selection in compliance with the parameters indicated in Ministerial Decree n. 243, 25 May 2011, considering also the specific functions to be carried out by the Researcher.

The Board also establishes an analytical system to confer points to candidates after preliminary assessment has been completed. The Board then establishes which candidates are admitted to the interview, together with the criteria for testing their English language skills, and Italian language skills for foreign applicants.

2. The Head of the selection procedure is immediately notified of the above-mentioned results which are to be published on the University's Albo Ufficiale and on the website for at least seven days before the Board can move on to the next phase of the selection procedure. After determining the above said criteria and having read the Rector's Decree concerning the list of candidates admitted to the selection procedure, each member of the Board must state for the record that no incompatibility factors and conflict of interest are present.
3. The Board carries out a preliminary assessment determining if the candidates possess the requisites for participation in the light of what indicated in the announcement. The selection is carried out by assessing the candidates with a motivated analytic judgement on their qualifications, CVs and publications, including their Ph.D. thesis.
4. Following preliminary assessment, the Board will admit the most worthy candidates - 10 to 20 per cent of the original candidates – and no less than six in number - to participate in a public discussion of their qualifications and scientific work; all candidates shall be admitted to the discussion should their total number be equal to or less than six.
5. The list of candidates is drawn up by the Board and, along with the analytic evaluations, the notification of date, place and time of the interview and of the foreign language test, is published on the University's Albo Ufficiale and on the website at least ten days before the interview. **This is to be considered an official notification for candidates. Candidates are required to appear for their interviews on the indicated date with a valid identity document. It is important to remember that candidates are not notified individually but only through the above stated notifications published online. If the candidate does not show up, this shall be considered final renunciation to the selection procedure.**  
Throughout the period of validity of the temporary Regulations concerning the procedures for carrying out interviews using telematic technology in the selection procedures for RTD/A and RTD/B as well as interviews for testing language skills in the selection procedures for First and Second Tier Professors, established by the Rector's Decree n. 3392020, 26 March, 2020, the interview may be carried out by using the audio and video tools according to the Instructions on telematic connection at <https://www.univaq.it/section.php?id=1532>. In the section "Candidates admitted to interview" **a Notice shall be published following which candidates must fill in, sign and send within the date set for the interview a declaration to the following e-mail address: [concRTDB@strutture.univaq.it](mailto:concRTDB@strutture.univaq.it). Not sending such a declaration shall be considered final renunciation to the selection procedure.**
6. Following the interview, the Board grades the candidate's qualifications, attributes a grade to each publication and assesses interview and foreign language skills. Once this has been completed the Board draws up a ranking of the candidates and deliberates (by majority) the winner of the selection procedure.
7. All proceedings are contained in the minutes of the meetings, including all the assessment results obtained during the preliminary meeting, grading of qualifications and publications, and interview to test English language skills. The results of all of the above are published on



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the University's Albo Ufficiale and on the website **which to all effects represents an official notification for the participants in the selection.**

## **Art. 9 - Time Limits of the Selection Procedure**

1. The Board is to conclude all necessary actions within **four months** from the Rector's Decree nominating its members.
2. The Rector may extend the deadline only once and for no more than two months only in the case of exceptional and documented reasons brought forth by the President of the Board before the established deadline expires. If all procedures are not concluded even within the extended deadline the Rector shall proceed to the substitution of the Board members.

## **Art. 10 - Determining Validity of Proceedings**

1. Within thirty days after the proceedings are consigned to the Settore Concorsi e Selezioni, the Rector issues a Decree establishing their validity and declaring the selected candidate. The Rector's Decree and the proceedings are published on the University's Albo Ufficiale and on the website. This, to all effects, represents official notification and from that date candidates have a period of time to file a complaint. The Decree is immediately passed on to the Department in charge of the appointment. The candidate selected shall also be notified.
2. If the Rector finds any irregularities in the proceedings he/she may make a motivated request to the Board to obtain rectification.

## **Art. 11 - Appointment by the Department**

1. Within 60 days of the Rector's approval of the proceedings the Department Council that had requested the selection procedure must propose a date to officially appoint the new Researcher. The Head of the Department must convene the Council composed by the competent members. The proposal for the call is valid if approved by the vote of the overall majority of First and Second Tier Professors of the Department. In case of failure to reach such a majority the consequent resolution of not calling must be properly motivated with regard to failing the needs that had motivated the request of the selection procedure.
2. Failing to propose the call within the above-mentioned deadline or failing to properly motivate the resolution of not calling involves for the Department requesting the procedure the impossibility to start for one year a new selection procedure for the same Academic Discipline.
3. The Department's deliberation to call the Researcher must be approved by the University's Board of Directors.
4. Within 30 days of the date of the call approval by the Board of Directors the Researcher is invited to present all necessary documents for contract stipulation.

## **Art. 12 - Drawing-up of contract**

A fixed-term (3 years) full-time employment contract shall be drawn up and underwritten by the Rector and by the Researcher.

During maternity leave the contract is put on hold and expiration date is postponed for a period equal to that of compulsory leave of absence.

All elements regarding fixed-term researcher contracts specified in Art. 11 of the University's Regulations must be indicated within said contract.



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The number of hours required for teaching, integrated activities and services to the students is 350 hrs per year. Research activity is the subject of a specific scientific report to be submitted yearly to the Department's approval.

Given that the contract shall be pursuant to Leg. Decree n. 165, 30 March 2001, Art. 53, it is important to state that it cannot be accumulated with other employment contracts, research grants, Ph.D. or specialization courses, nor with any other earnings or grants from the University.

As regards the Researcher's duties the main duties established by law in reference to the category shall be applied. The University's Regulations as to assignation of teaching duties to professors and researchers (Rector's Decree n. 915-2017, 19 December 2017) will also be applied.

The Researcher appointed will be required to abide by the University's Code of Behaviour, not doing so shall lead to termination of contract. The Researcher shall also abide by norms regarding security, as established in Leg. Decree n. 81, 9 April 2008 as amended and supplemented and also contact the Health and Safety Service Office of the University to gather information on prevention measures to abide by while carrying out research. The position is subject to all laws regarding termination.

## **Art. 13 - Salary and Social Security Benefits**

The gross annual salary for fixed-term, full-time researcher corresponds to € 59.459,66. The contract is subject to all social security and fiscal taxes.

## **Art. 14 - Documents for Contract Stipulation**

The Researcher selected shall present all required documents together with all declarations certifying their requisites for appointment as pursuant to Presidential Decree n. 445, 28 December 2000 Art. 46 and 47 to the University's Settore Personale Docente e Ricercatori as specified in Art. 3, Paragraph 5, numbers 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13 in this announcement. The Researcher shall also present a personal declaration of certification regarding their marital status, household members, whether they belong to legally protected categories, whether they receive a pension, whether they are members of professional registers; they must also declare that they are not employed in any other public or private company or institution as pursuant to Presidential Decree n. 445, 28 December 2000, Art. 46 and 47. If the Researcher is already employed by a public institution he/she must ask for a leave of absence from their job to accept the Researcher contract they have been selected for.

Before starting work the Researcher must undergo a medical check-up to obtain a certificate from the University competent doctor stating that their health allows them to carry out the job duties required; the Researcher can contact the Settore Personale Docente e Ricercatori to make an appointment with the doctor.

The University reserves the right to carry out spot checks to verify the information and certification presented.

## **Art. 15 - Personal Data**

The processing of candidates' personal data is disciplined by Leg. Decree n. 196, 30 June, 2003 and Leg. Decree n. 101, 10 August 2018 implementing UE Regulation n. 679/2016. Personal data supplied by the candidates in the application form shall be collected by the offices of the University and processed for the purposes of the procedure and for the management of relations ensuing therefrom.

The provision of said information is compulsory, on pain of exclusion.



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Candidates are entitled to exercise the rights provided in the Legislative Decree mentioned above, including the right to access the data concerning them, the right to rectify, update, complete or erase erroneous or incomplete data or data collected in a manner that is contrary to law, and to object to processing for legitimate reasons.

## **Art. 16 - Disclosure**

This decree is made available on the University website (<http://www.univaq.it>), on the Ministry of Education, University and Research website, and on the European Union website.

## **Art. 17 - Reference to Implementation Modalities**

For all matters not contained in this announcement, the resolutions, laws and regulations indicated in the introduction together with all laws regulating recruitment of University staff shall apply.

## **Art. 18 - Head of the Selection Procedure**

Pursuant to Art. 5 of Italian Law n. 241, 7 August, 1990, dr. Loredana Taccone, Head of the Settore Concorsi e Selezione of the University of L'Aquila, is also head of this selection procedure.

L'Aquila, 16 March 2022

The Rector  
Prof. Edoardo Alesse  
(signed:) Edoardo Alesse

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## ATTACHMENT 1

<b>Academic Recruitment Field</b>	<i>13/B3 – Organization and Human Resources Management</i>
<b>Academic Discipline</b>	SECS-P/10 – Organization and Human Resources Management
<b>Place of work</b>	Department of Industrial and Information Engineering and Economics
<b>Research Activities</b>	As for the scientific profile of the research activities to be carried out, the candidate is expected to have a deep knowledge of the research fields and the theoretical-application competence typical of the sector.
<b>Teaching Activities</b>	Teaching activities to be carried out shall be determined by the DIIIIE Department in relation to the teaching units of the Academic Discipline SECS-P/10 - Organization and Human Resources Management and to others in related subjects in the Bachelor's Level degree in Economics and Management and in Business Law Advisor, and in the Master's level degree in Business Administration, Economics and Finance. Teaching activities shall consist of class teaching, exercises, seminars, organization of master courses, participation in examination committees, tutoring students also in training and thesis research work, orientation and tutoring for the department up to a total number of 350 hours per year. A particular attention shall be given to the development of teaching in English.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.



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## ATTACHMENT 2

<b>Academic Recruitment Field</b>	<i>09/C1 – Fluid Machinery, Energy Systems and Power Generation</i>
<b>Academic Discipline</b>	ING-IND/09 - Energy Systems and Power Generation
<b>Place of work</b>	Department of Industrial and Information Engineering and Economics
<b>Admission Requisites</b>	As per current regulations concerning the contract in object
<b>Research Activities</b>	<p>The Researcher shall carry out research activities of interest of the Academic Discipline ING-IND/09 - Energy Systems and Power Generation. He/she shall deal with the following issues: Energy transformation from fossil fuels and renewable energy resources to end use of energy; low/medium temperature thermal energy conversion into industrial waste heat recovery mechanical energy in the field of road traction and renewable sources; technological innovation in the field of road transport oriented to combine the need of sustainability in the sector and internal combustion engines; study of the interactions between machines and industrial environment aimed at energy transformations as well as more generally at those related to the territory; improvement of the single performances forming the overall performance of energy systems of energy transformation; innovative experimentation related to the above-mentioned issues and, more generally, to the environmental performance determination of energy transformation systems.</p> <p>Research activity shall focus on speculative, methodological issues, deepening of knowledge of physical phenomena, of industrial interest. Development of projects, collaborations, participation in national and international working groups shall also be included among the activities.</p>
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	<p>Teaching activities shall be carried out in courses of the Academic Discipline ING-IND/09 taught in the degree courses in Environmental Engineering, Industrial Engineering and Mechanical Engineering (Master's level degree). The Researcher shall also carry out the following: be a member of examination and graduation committees; hold students hours and assist students, supervise them in training and Bachelor's and Master's level thesis and Ph.D. dissertation work; participate in the orientation and tutoring activities of the Department up to a total amount of 350 hrs per year. Salary to be paid and financial coverage: annual salary as provided by the law in force for the contract in object. The expenses shall weigh on the University budget.</p>



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<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.



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## ATTACHMENT 3

<b>Academic Recruitment Field</b>	<i>09/A2 – Applied Mechanics</i>
<b>Academic Discipline</b>	ING-IND/13 - Applied Mechanics
<b>Place of work</b>	Department of Industrial and Information Engineering and Economics
<b>Admission Requisites</b>	As per current regulations concerning the contract in object
<b>Research Activities</b>	The Researcher shall carry out research activities of interest of the Academic Discipline ING-IND/13 - Applied Mechanics. In particular, he/she shall focus on, both from a theoretical and an application point of view, research issues concerning mechanical vibrations, vehicle dynamics and mechatronics. This shall also imply developing, carrying out and analyzing experimental tests supporting the various activities. Research activities may also focus on issues of industrial interest and may include the development of international collaborations.
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	Teaching activities shall be carried out in courses of the Academic Discipline ING-IND/13 taught in the degree courses in Industrial Engineering and Mechanical Engineering (Master's level degree). The Researcher shall be a member of examination and graduation committees; hold students hours and assist students, supervise them in training and thesis work; participate in the orientation and tutoring activities of the Department up to a total amount of 350 hrs per year.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.



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## ATTACHMENT 4

<b>Academic Recruitment Field</b>	<i>11/D1 – Educational Theories and History of Educational Theories</i>
<b>Academic Discipline</b>	M-PED/02 – History of Pedagogy and Education
<b>Place of work</b>	Department of Human Studies
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Teaching Activities</b>	The Researcher shall teach courses of the Academic Discipline M-PED/02 taught in the Bachelor's Level Degrees and Master's Level Degrees offered by the Department and the University. Teaching activities shall include integrated teaching activities, laboratory activities, seminars also in Ph.D. courses, if present. He/she shall also carry out incoming and mid-term orientation activities, tutoring and supervising students. The number of hours required for teaching, integrated teaching activities and services to the students is 350 hrs per year, of which 60 hrs of lectures.
<b>Scientific Activities</b>	Scientific activities shall be concerned with the issues of the Academic Discipline M-PED/02 such as the reconstruction of the historical development of the pedagogical thinking and research; the development of the school, the educational institutions and practices within the relevant socio-historical framework; the history and criticism of children's literature. A special emphasis shall be given to the study of the relationships, in the contemporary Western society, between the level of learning/education processes formalized in institutional apparatuses such as school systems and that of the con/formation of the world view and of the imagination of the new generations through the products and spaces dedicated to children, adolescents, youth in the most diverse forms of artistic expressions and in the media.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.



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## ATTACHMENT 5

<b>Academic Recruitment Field</b>	<i>01/A2 – Geometry and Algebra</i>
<b>Academic Discipline</b>	MAT/02 - Algebra
<b>Place of work</b>	Department of Information Engineering, Computer Science and Mathematics
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Research Activities</b>	The Researcher shall carry out research activities in the field of Algebra, in particular in the applications of group and ring theory to cryptography.
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	The Researcher shall carry out teaching activities in the courses of the Academic Discipline MAT/02 – Algebra. The successful candidate shall also carry out the following: be a member of examination committees; assist students in training and orientation activities, supervise them in thesis and Ph.D. dissertation work. The number of hours required for teaching, integrated teaching activities and services to the students is 350 hrs per year, of which 60 hrs of lectures.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria</b>	With due regard to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, the Examining Board shall assess: the candidate's overall profile and scientific maturity with particular reference to the specific functions to be carried out by the Researcher; his/her individual contribution to the publications submitted and their publication in journals of high international reputation; participation in financed research projects.



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## ATTACHMENT 6

<b>Academic Recruitment Field</b>	<i>01/A6 – Operations Research</i>
<b>Academic Discipline</b>	MAT/09 - Operations Research
<b>Place of work</b>	Department of Information Engineering, Computer Science and Mathematics
<b>Specific Functions</b>	The Researcher shall carry out teaching activities in the courses of the Academic Discipline MAT/09 taught in the Bachelor's level and Master's level degrees and in the Ph.D. courses. The Researcher shall carry out research activities in the field of MAT/09 both on the theoretical and methodological aspects and on the emerging issues originated from interdisciplinary applications and/or from industrial needs. The Researcher shall organize research groups with international connections in the Department, he/she shall be able to propose and manage research projects also of industrial interest, and shall teach courses and seminars also in English.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	With due regard to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, the Examining Board shall assess the candidates considering the high quality of their scientific works, documented by publication in scientific journals of high international reputation.



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## ATTACHMENT 7

<b>Academic Recruitment Field</b>	<i>05/E1 – General Biochemistry</i>
<b>Academic Discipline</b>	BIO/10 - Biochemistry
<b>Place of work</b>	Department of Life, Health and Environmental Sciences
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Scientific Activities</b>	Scientific activities shall be finalized to the issues of the Academic Discipline BIO/10 – Biochemistry, with a special focus on structural biochemistry meant as the study of the relationship between the structure and the function of proteins of biotechnological interest and of relevance in human infectious diseases.
<b>Teaching Activities</b>	Teaching activities, integrated teaching activities, services and tutoring to be carried out in the course units of the Academic Discipline BIO/10 and related disciplines taught in the Bachelor's level and Master's level degrees of the biological, biotechnological and medical area. The Researcher shall also carry out teaching activities in the Ph. D. courses of the Department.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	With due regard to criteria and parameters indicated in Ministerial Decree n. 344, 4 August 2011, the Examining Board shall consider the following assessment criteria: as for the assessment of the candidate's scientific activity, the Examining Board shall refer to criteria acknowledged by the relevant international scientific community especially as far as the candidate's individual contribution to publications is concerned; relevance and continuity of institutional teaching activity gained in teaching subjects consistent with the Academic Discipline and/or with the relevant macro-sector in Bachelor's Level and Master's Level Degrees and Ph.D. courses.



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## ATTACHMENT 8

<b>Academic Recruitment Field</b>	<i>05/B1 – Zoology and Anthropology</i>
<b>Academic Discipline</b>	BIO/05 - Zoology
<b>Place of work</b>	Department of Life, Health and Environmental Sciences
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Research Activities</b>	The Researcher shall carry out research activities in the disciplines of the Academic Discipline object of the selection procedure and, in particular, in biogeography and distributional models of ecologically sensitive animal species, in collaboration with groups already operating at the University of L'Aquila. Scientific activities shall be finalized to promoting, organizing and coordinating scientific research activities in the field of the Academic Discipline BIO/05. The Researcher shall play a role of advanced support in a research group with multiannual and high international visibility in the field.
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	Teaching activities shall be carried out in the courses of the Bachelor's level and Master's level degrees related to the Academic Discipline BIO/05. In particular, teaching activity shall be concerned with the field of management and preservation of animal biodiversity and other issues related to the relevant Academic Recruitment Field declaration. The Researcher shall carry out integrated teaching activities, seminar and laboratory activities as well as orientation and tutoring activities for undergraduate and graduate students. He/she shall also carry out training and tutoring activities in the Ph.D. courses.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	With due regard to criteria and parameters established by the law in force (Ministerial Decree n. 243, 25 May 2011), the Examining Board shall consider the following assessment criteria: as for the assessment of the candidate's scientific activity, the Examining Board shall refer to criteria acknowledged by the relevant international scientific community especially as far as the candidate's individual contribution to publications is concerned.



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## ATTACHMENT 9

<b>Academic Recruitment Field</b>	<i>05/H1 – Human Anatomy</i>
<b>Academic Discipline</b>	BIO/16 - Human Anatomy
<b>Place of work</b>	Department of Life, Health and Environmental Sciences
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Research Activities</b>	Research activities to be carried out shall be consistent with the subjects of the Academic Discipline BIO/16. Investigations shall concern mainly the study of the structural, ultrastructural and histochemical characteristics of the different organs of the human body as well as the clinical and applied anatomy of the orofacial/stomatognathic system in different physiological, experimental and pathological conditions.
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	Teaching activities to be carried out in the study courses of the Academic Discipline BIO/16 included Ph.D. and advanced courses offered by the Department of Life, Health and Environmental Sciences for a total amount of hours as provided by the Academic Regulation of the University. The Researcher shall also participate in the activities concerning orientation, tutoring and teaching of the Department and of the University and in institutional activities related to the role, included seminars and integrated teaching activities.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	With due regard to criteria and parameters established by the law in force, for the assessment of the candidate's scientific activity the Examining Board shall refer to criteria acknowledged by the relevant international scientific community as far as the candidate's individual contribution to publications is concerned, originality and ranking of publications as well as consistency of their researches with the Academic Discipline BIO/16 or related interdisciplinary issues.



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## ATTACHMENT 10

<b>Academic Recruitment Field</b>	<i>05/A2 – Plant Physiology</i>
<b>Academic Discipline</b>	BIO/04 - Plant Physiology
<b>Place of work</b>	Department of Life, Health and Environmental Sciences
<b>Admission Requisites</b>	A Ph.D., or an equivalent degree obtained in Italy or abroad
<b>Research Activities</b>	The Researcher shall carry out research activities in the disciplines of the Academic Discipline object of the selection procedure and, in particular, the mechanisms underlying the control of the productivity of plant organisms and their resistance to biotic stresses, the use of plants for renewable energy production and for environment preservation and recovery, synthetic biology and in general biotechnology applied to plants, in collaboration with groups already operating at the University of L'Aquila. Scientific activities shall be finalized to promoting, organizing and coordinating scientific research activities in the field of the Academic Discipline BIO/04.
<b>Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	Teaching activities shall be carried out in the courses of the Bachelor's level and Master's level degrees related to the Academic Discipline BIO/04. In particular, teaching activity shall be concerned with the field of biology, physiology, plant biotechnologies and other issues related to the relevant Academic Recruitment Field declaration. The Researcher shall carry out integrated teaching activities, seminar and laboratory activities as well as orientation and tutoring activities for undergraduate and graduate students. He/she shall also carry out training and tutoring activities in the Ph.D. courses.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	With due regard to criteria and parameters established by the law in force (Ministerial Decree n. 243, 25 May 2011), the Examining Board shall consider the following assessment criteria: as for the assessment of the candidate's scientific activity, the Examining Board shall refer to criteria acknowledged by the relevant international scientific community especially as far as the candidate's individual contribution to publications is concerned, the scientific relevance of editorial classification of the publications and their diffusion within the scientific community,



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	their consistency with the Academic Recruitment Field and Academic Discipline object of the selection procedure or related interdisciplinary issues.
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## ATTACHMENT 11

<b>Academic Recruitment Field</b>	<i>08/A4 - Geomatics</i>
<b>Academic Discipline</b>	ICAR/06 – Surveying and Mapping
<b>Place of work</b>	Department of Civil, Construction-Architectural and Environmental Engineering
<b>Admission Requisites</b>	Requisites as per Art. 24, paragraph 3, Letter b) of Italian Law n.240/2010, 30 December 2010
<b>Teaching Activities</b>	The number of hours required for teaching activities, integrated teaching activities and services to the students is 350 hrs, of which 60 of class teaching. The total amount of hours required for research activities, teaching activities, integrated teaching activities and services to the students is 1.500 hrs per year.
<b>Research Activities, Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	The Researcher shall carry out teaching activities in the courses of the Academic Recruitment Field 08/A4 – Geomatics. He/she shall then carry out the following: participate in examination committees, assist and tutor students, supervise thesis and Ph.D. dissertation work.
<b>Scientific Activities</b>	The Researcher shall carry out research activities in the field of the Academic Discipline ICAR/06. In particular, research activities shall be concerned with: (1) classical topographical surveying both from a theoretical and from a practical point of view and geomatic techniques applied to Remote Sensing; (2) data acquisition and processing techniques of terrestrial, aerial and UAV photogrammetry; (3) data processing of multispectral and hyperspectral images, laser scanning, H-BIM modelling; (4) image classification techniques and use of experimental algorithms for surveys and monitoring of structures and infrastructures. The Researcher shall also be involved in the research and teaching activities carried out in the Department research laboratory.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.



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## ATTACHMENT 12

<b>Academic Recruitment Field</b>	<i>08/C1 – Design and Technological Planning of Architecture</i>
<b>Academic Discipline</b>	ICAR/10 – Architectural Engineering
<b>Place of work</b>	Department of Civil, Construction-Architectural and Environmental Engineering
<b>Admission Requisites</b>	Requisites as per Art. 24, paragraph 3, Letter b) of Italian Law n.240/2010, 30 December 2010
<b>Teaching Activities</b>	The number of hours required for teaching activities, integrated teaching activities and services to the students is 350 hrs, of which 60 of class teaching. The total amount of hours required for research activities, teaching activities, integrated teaching activities and services to the students is 1.500 hrs per year.
<b>Research Activities, Teaching Activities, Integrated Teaching Activities and Services to the Students</b>	The Researcher shall carry out teaching activities in the courses of the Academic Discipline ICAR/10. He/she shall then carry out the following: participate in examination committees, assist and tutor students, supervise thesis and Ph.D. dissertation work.
<b>Scientific Activities</b>	The Researcher shall carry out research activities in the subjects of the Academic Discipline object of the selection procedure and therefore be able to offer consistent contributions to the technological culture of architecture and to the study and historical documentation of building techniques and systems, to be referred primarily to metal structures with a particular focus on the identifying features of the national context between the 19 <sup>th</sup> and the 20 <sup>th</sup> century as well as on the BIM and H-BIM procedures for the study of metal structure modern and contemporary architectures. Such contributions shall be provided also by means of scientific collaborations with Italian and foreign scholars and by disseminating the research results in national and international editorial contexts.
<b>Maximum number of publications</b>	12 (twelve)
<b>Foreign language requisite</b>	English
<b>Assessment criteria:</b>	The Examining Board shall assess the candidates according to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011.