



**SCUOLA SUPERIORE MERIDIONALE**  
**Call for Applications**

**APPLICATIONS DEADLINE**  
**05 January 2026, 2:00 p.m. CET**

***This document has no legal value and it is  
only meant to provide information in  
English about the call***

**ARTICLE 1**  
**(Award)**

The Scuola Superiore Meridionale announces a comparative procedure, as per art. 18, par. 1, of l. 240/2010 and subsequent amendments and additions, for the hiring of no. 4 associate professors for the Scientific and Technological Area and for Humanities–Legal Studies Area of the Scuola Superiore Meridionale in the fields indicated as Scientific Disciplinary Group (GSD) and Scientific Disciplinary Sector (SSD) in the attachments to this call, that constitute an integral part of it:

Scuola Superiore Meridionale	GSD	SSD	n. position	Annex	Identification code sub-procedure
<b>Testi, tradizioni e culture del libro. Studi italiani e romanzi</b>	10/FLMR-01 Medieval latin, romance philology and literature	FLMR-01/A Medieval and Humanistic Latin Literature	1	<b>Annex_1</b>	<b>PA_TTCL_2025</b>
<b>Modeling and engineering risk and complexity</b>	08/CEAR-07 Structural analysis and design	CEAR-07/A Structural Analysis and Design	1	<b>Annex_2</b>	<b>PA_MERC_2025</b>
<b>Cosmology, space science &amp; space technology</b>	09/IIND-01 Aerospace engineering and naval architecture	IIND-01/G Aerospace Propulsion	1	<b>Annex_3</b>	<b>PA_SPACE 2025</b>

<b>Clinical and Translational Oncology</b>	06/MEDS-26 Methods in laboratory medicine, technical diagnostic, assistance, prevention and rehabilitation health profession sciences, advanced medical and surgical technology and methodology	MEDS-26/A Biotechnology and Methods in Laboratory Medicine	<b>1</b>	<b>Annex_4</b>	<b>PA_CTO_2025</b>
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## **ARTICLE 2**

### **(Rights and duties)**

This procedure is subject to provisions set by the rules and bylaws of the Scuola Superiore Meridionale regarding the hiring of full and associate professors, pursuant to Articles 18 and 24 of Law 240/2010. Especially relevant are the provisions under Title V "*Legal status of tenured professors*", to which reference should be made for further details.

## **ARTICLE 3**

### **(Financial coverage)**

Expenditures for salary costs are entirely under the budget of the Scuola Superiore Meridionale.

## **ARTICLE 4**

### **(Participation Requirements)**

Applicants need to possess the following requirements, under penalty of exclusion, to participate to the present call:

#### **GENERAL REQUIREMENTS:**

- enjoyment of civil and political rights: those deprived of the right to vote are not eligible for employment;
- not having been convicted for criminal offences incompatible with the status of state employee; any such conviction would lead either to disqualification from employment by the Scuola Superiore Meridionale, as per Article 127, first paragraph, letter d) of the Consolidated Text of the provisions concerning the status of civilian state employee, issued by Presidential Decree no. 3 of 10/01/1957, or to dismissal;
- not to have been dismissed or discharged from employment by Public Administration for recurrent inadequate performance, nor to have been declared disqualified from a State job, as per Article 127, first paragraph, letter d) of the Consolidated Text of the provisions concerning the status of civil employees of the State, issued by Presidential Decree no. 3 of 10/01/1957; finally, not to have been dismissed for just cause or justified subjective reason, nor for having obtained employment by producing false documents or by fraudulent means;

Foreign candidates need to possess the following general requirements:

- (a) enjoy civil and political rights also in the States of which they are citizens;
- (b) possess all the other requirements, as set out above for Italian nationals;
- (c) have adequate knowledge of the Italian language.

#### **SPECIFIC REQUIREMENTS:**

The comparative procedures referred to in this notice are open to:

- a) scholars in possession of a valid Italy's national scientific qualification (*Abilitazione Scientifica Nazionale*) for associate professors, referred to in Article 16 of Law No. 240 of 30 December 2010, in one of the scientific-disciplinary sector covered by this call for applications, to which they intend to apply;

b) professors currently serving at other universities in the rank corresponding to the one for which the selection is announced;

c) scholars who are stably employed abroad in research or university-level teaching activities in positions equivalent to the one advertised in this call, based on the correspondence tables defined by the Italian Ministry of University.

Those who are eligible for the call are required to state in their application their knowledge of the required foreign language.

Applicants need to already possess all requirements by the deadline set by the call, under penalty of exclusion.

## **ARTICLE 5**

### **(Submitting an application)**

Applications are to be submitted, together with any attachment (if required) only electronically by using the dedicated application available at the following web address:

<https://pica.cineca.it/ssm/pa-ssm-2025>

**no later than 05 January 2026, 2:00 p.m. CET**

**Failure to submit by this deadline will imply exclusion from the procedure.**

To access the PICA computer application, the candidate is required to register and authenticate exclusively via a PICA account and to adhere to the following instructions.

After authentication, the candidate is required to complete the application, entering all the required data and attaching any necessary documents in electronic PDF format as indicated.

Attachments of up to 30 MB are allowed. (In the case of image copies of analogue original documents, attachments are required to be in PDF/A format and preferably scanned in black and white, with a resolution not exceeding 200 DPI).

Applicants self-certify the truthfulness of their statements and, as per Articles 46 and 47 of Presidential Decree 445 of 28 December 2000 and subsequent amendments and additions, declare to be aware of the penalties provided for by Articles 75 and 76 of the same Presidential Decree in the event of untrue declarations or should they create or use false documents.

Applicants are also required to attach the following documents to their application and enter them into the above-mentioned PICA website:

A) CURRICULUM VITAE, complete with a LIST OF TEACHING AND RESEARCH ACTIVITIES AND PUBLICATIONS;

B) the scientific publications submitted for analytical evaluation, within the upper limit set out in the procedure reference form, numbered in the progressive order reported in the "CURRICULUM VITAE, LIST OF TEACHING AND RESEARCH ACTIVITIES AND PUBLICATIONS". If texts accepted for publication are submitted, the publisher's acceptance document is also required to be attached;

C) a photocopy of a valid identification document; this applies, under penalty of exclusion, only if the applicant completes the application with a handwritten signature.

Publications are required to be submitted in their original language if they are published in Italian, French, English, German or Spanish language. Otherwise, the publications are required to be translated into Italian or English; translated texts can be submitted in typewritten copies together with the text in the original language.

Scientific publications will not be taken into consideration by the Commission for the purposes of the analytical evaluation of scientific production even if they are within the upper limit set by the reference forms attached to this call for proposals, if they are mentioned in the "CURRICULUM VITAE, LIST OF EDUCATIONAL AND RESEARCH ACTIVITIES AND PUBLICATIONS", but not uploaded in the PICA website. Likewise, publications uploaded in the PICA website but not mentioned in the "CURRICULUM VITAE, LIST OF EDUCATIONAL AND RESEARCH ACTIVITIES AND PUBLICATIONS" will not be taken into consideration by the Commission for the purposes of the analytical evaluation of scientific production. Furthermore, any text accepted for publication but lacking the publisher's acceptance document will not be evaluated.

## **ARTICLE 6**

### **(Establishment of Selection Committees)**

Once the deadline for submitting applications is expired, a selection committee shall be appointed for each position. It will consist of three professors in service at Italian universities and/or special-order higher education establishments, of whom at least two are full professors and, where applicable, one is an associate professor, belonging to the scientific-disciplinary group indicated in the identification code of the sub-procedure covered by this call for applications, or belonging to an equivalent rank.

## **ARTICLE 7**

### **(How comparative procedures are carried out)**

The evaluation takes place on the basis of criteria that each selection committee establishes in a preliminary meeting, and are advertised to the candidates through publication in the appropriate section of the School's website dedicated to the selection.

## **ARTICLE 8**

### **(Evaluation of scientific research activity)**

The Commission will assess the research activity of the candidates on the basis of their entire scientific production, of their scientific publications submitted and of their other qualifications.

The evaluation of scientific research activity will take into account the following aspects:

- a) organising, directing, coordinating and participating in national and international research projects and groups; especially important is the ability to attract research funding as proven by the successful participation (as local, national or international coordinator) to competitive calls for funding;
- (b) management of cultural and research institutes, or of internationally recognized scientific journals;
- (c) research activities carried out at public or private, Italian or foreign entities on the basis of contractual or otherwise formalised relationships; special attention will be paid to the degree of autonomy acquired by the candidate with respect to the research groups within which his/her initial training took place, as well as to his/her ability to act as a leader of research activities, devising new lines of investigation and contributing to promoting and expanding the network of national and international scientific collaborations;
- (d) attainment of patent ownership;
- (e) participation as invited speaker and organisation of national and international conferences, participation in editorial boards of internationally recognized scientific journals;
- (f) obtaining national and international prizes and awards for research activities.

The evaluation of scientific publications is carried out on the basis of the following criteria:

- a) originality, innovativeness, methodological rigour and scientific relevance of each publication;
- b) congruence of each publication with the research fields relevant for the advertised position or with closely related interdisciplinary ones;
- (c) scientific relevance of the editorial location of each publication and its dissemination within the scientific community;
- d) analytical determination, also on the basis of criteria accepted by the relevant international scientific community, of the individual contribution of the candidate if he or she is a participant in collaborative work;
- (e) In areas where its use is internationally accepted, the Selection Committees are also allowed to one or more of the following indicators, to be calculated at the date in which the evaluation procedure will start:
  - 1) total number of citations;
  - 2) average number of citations per publication;
  - 3) total 'impact factor';
  - 4) Average 'impact factor' per publication;
  - 5) combinations of the previous parameters to enhance the impact of the candidate's scientific production (Hirsch index or similar).

## **ARTICLE 8**

### **(Evaluation of teaching and student service activities)**

For the purposes of evaluating teaching and student service activities, the teaching activity carried out by the candidate will be assessed and special attention will be paid to experience in teaching and/or in the coordination of training programmes at universities and highly qualified research institutes, as well as to experience abroad or in international contexts. Activities as supervisor or tutor for doctoral or degree theses, in Italy and abroad, will also be assessed.

### **ARTICLE 9**

#### **(Evaluation of management, organisational and service activities)**

Management, organisational and service activities will be assessed taking into account the volume and continuity of the activities performed; special attention will be paid to experience in management roles as well as to the participation to collegiate bodies and to commissions established by Universities and Research Centres, including foreign ones, and by the Ministry of Universities and Research.

### **ARTICLE 10**

#### **(Weights to the elements under evaluation)**

The Evaluation Committee shall apply the percentage weights indicated in the forms attached to this call in order to assess:

- a) teaching activities, supplementary teaching activities, student support services (and the teaching test, where required for all candidates);
- b) scientific research activities;
- c) management, organizational and service activities.

### **ARTICLE 11**

#### **(Public seminar)**

Where provided for in the relevant technical sheet, each candidate will be required to hold a public seminar to discuss the research activity he/she has carried out, in accordance with the procedures specified in the aforementioned sheet attached to this call.

**The timetable for the aforementioned test will be advertised to candidates exclusively through an online notice to be published – no less than 20 days before the date of the test – on the Official Online Notice Board of the Scuola Superiore Meridionale and on its institutional website.**

**The publication of the timetable on the School's official online notice board has the value of official notification for all legal purposes for candidates. No further communication will be given.**

Absence of the candidate on the date indicated in the timetable will amount to renouncing, for all intents and purposes, to participate in the comparative procedure.

### **ARTICLE 12**

#### **(Teaching test)**

Where provided for in the relevant technical sheet, each candidate will be required to take a teaching test in accordance with the procedures indicated in the forms attached to this notice; **the relevant timetable will be advertised to candidates exclusively through an online notice to be published – no less than 20 days before the date of the test – on the Official Online Notice Board of the Scuola Superiore Meridionale and on its institutional website.**

24 hours before the date set for the test, an online notice will be published – on the official online notice board of the Scuola Superiore Meridionale as well as on its institutional website – itemizing three topics, all related to the general and methodological themes of the scientific field indicated by each candidate, from which the candidate will be allowed to select the subject of the teaching test. (Each candidate will be identified via a code assigned by the PICA website at the moment of submitting the application form).

**The publication of the timetable on the School's official online notice board has the value of official notification for all legal purposes for candidates. No further communication will be**

**given.** Where provided for in the relevant technical sheet, the Committee shall verify the candidate's language skills.

Absence of the candidate on the date indicated in the timetable will amount to renouncing, for all intents and purposes, to participate in the comparative procedure.

### **ARTICLE 13**

#### **(Referral to the unabridged official version)**

This procedure is subject to provisions set by the rules and bylaws of the Scuola Superiore Meridionale regarding the hiring of full and associate professors, pursuant to Articles 18 and 24 of Law 240/2010.

For any matter not mentioned in this call please refer to the Regulations for the hiring of full and associate professors, pursuant to Articles 18 and 24 of Law 240/2010.

This document is an abstract of the original Italian-language call of SSM "Procedura comparativa, ai sensi dell'art. 18, comma 1, della l. 240/2010 s.m.i. per la chiamata di n. 4 professori universitari di ruolo di seconda fascia per i gruppi scientifico disciplinari e per i settori scientifico-disciplinari, nonché per le esigenze delle Aree Interdisciplinari Umanistico-Giuridica e Scientifico-Tecnologica della Scuola Superiore Meridionale.

For details please refer to the unabridged official version in Italian, available at the following link:

<https://www.ssmeridionale.it/avcp/procedura-comparativa-ai-sensi-dellart-18-comma-1-della-l-240-2010-s-m-i-per-la-chiamata-di-n-4-professori-universitari-di-ruolo-di-seconda-fascia-presso-le-aree-interdisciplinari-umani/>

In case of discrepancies between the English version and the Italian document, the Italian version shall Prevail.

Comparative procedure pursuant to Article 18, paragraph 1, of Law 240/2010 as amended, for the filling, among other positions, of one full-time, permanent position as Associate Professor (second tier) in GSD 10/FLMR-01 Medieval Latin and Romance Philologies and Literatures, SSD FLMR-01/A Medieval and Humanistic Latin Literature, for the needs of the Humanities–Legal Area of the Scuola Superiore Meridionale.

**Specific functions to be performed by the professor:**

Teaching and research activities related to the disciplines pertaining to the Scientific–Disciplinary Sector FLMR-01/A Medieval and Humanistic Latin Literature.

**Teaching, supplementary teaching, and student services activities:**

Teach courses in teaching and supplementary teaching within SSD FLMR-01/A (Medieval and Humanistic Latin Literature) addressed to regular students and PhD candidates; provide guidance, tutoring, and support to students.

**Type of teaching and research commitment required of the professor:**

Teaching commitment related to the disciplines of SSD FLMR-01/A Medieval and Humanistic Latin Literature through lectures, practical classes, supplementary teaching, and support for regular students and PhD candidates, according to the scheduling established by the competent academic bodies and based on the needs of the affiliated academic structure (Humanities–Legal Area). Teaching activities will be particularly oriented toward multidisciplinary scientific and professional training, enabling students to combine foundational knowledge with its possible applications. The teaching commitment is defined by the competent academic bodies.

Orientation, tutoring, and support for the preparation of master's theses and doctoral dissertations are also required, as well as outreach and dissemination activities for the affiliated academic structure (Humanities–Legal Area).

The total annual commitment for teaching, supplementary teaching, and student services is 350 hours for full-time staff, of which at least 120 hours per year must include classroom teaching (at least 60 hours per year), practical classes, hands-on support for students and trainees in research laboratory activities, seminars, and roundtables led by the professor, in accordance with the programming approved by the competent bodies. Teaching activities may also be carried out in English.

Scientific research activities must be consistent with the aims of SSD FLMR-01/A Medieval and Humanistic Latin Literature, with particular reference to historiographic, rhetorical, and medical-scientific production.

**Maximum number of publications: 12**

Candidates who are not permanent or fixed-term university researchers, or university professors, must take a teaching test in Italian, in a scientific–disciplinary sector of their choice within the disciplinary group relevant to this procedure.

All candidates must give a public seminar illustrating their research activity in Italian.

**As part of the overall evaluation:**

- teaching, supplementary teaching, student services activities, and the teaching test will carry a weight of **40%**
- scientific research activities will carry a weight of **55%**
- managerial, organizational, and service activities will carry a weight of **5%**

**Comparative procedure pursuant to art. 18, paragraph 1, of Law 240/2010 and subsequent amendments and additions for the coverage, among others, of n. 1 position of tenured university professor of second level (Associate Professor), full-time, in GSD 08/CEAR-07 Structural Engineering SSD CEAR-07/A Structural Engineering for the needs of the Scientific-Technological Area of the Scuola Superiore Meridionale**

Specific duties to be performed by the professor: Teaching and research activities related to disciplines falling within the **Scientific and Disciplinary Sector CEAR-07/A Structural engineering**.

Teaching, supplementary teaching and student services: in relation to the risk of complex structural and infrastructural systems, within the programme established by the relevant academic bodies and based on the needs of the relevant academic area (Scientific-Technological Area).

Research activities on topics related to Modelling and Engineering Risk and Complexity (MERC).

**Type of teaching and scientific commitment that the professor will be required to carry out,**

**Teaching commitment** related to matters relevant to SSD CEAR-07/A Structural Engineering through lectures, tutorials, supplementary teaching and assistance for ordinary students and PhD students, based on the schedule established by the relevant academic bodies and according to the needs of the relevant academic area (Scientific-Technological Area). Teaching activities will be particularly oriented towards multidisciplinary scientific and professional training in the field of risk analysis and mitigation of complex structures and infrastructure systems and topics related to the area of Modelling and Engineering Risk and Complexity (MERC), in order to enable students to combine basic knowledge with its possible applications. The teaching commitment is defined by the relevant academic bodies. Guidance, tutoring, and support activities for the preparation of bachelor's, Master's and doctoral theses are also required, as well as dissemination and outreach activities for the relevant academic structure (Scientific-Technological Area). The total annual commitment for teaching, supplementary teaching, and student services is 350 hours for full-time staff, of which at least 120 hours per year include classroom teaching (at least 60 hours per year), exercises, in-person support for students in research laboratory activities, seminars and round tables led by the teacher in line with the programme approved by the competent bodies. Teaching activities may also be carried out in English;

**Scientific commitment:** scientific research activity will be consistent with the CEAR-07/A Structural Engineering sector, with particular reference to the analysis and assessment of the risk of complex infrastructure structures and systems. Research activity must be framed within the research lines identified at the Scuola Superiore Meridionale, also in collaboration with public and private research bodies, with coordination roles and in collaboration with other researchers.

The candidate must be an expert in the analysis of dynamic response and risk of civil infrastructure structures and systems. In particular, they must be familiar with the modelling techniques of all basic components of risk analysis and the methods for their combination in a probabilistic context: (1) hazard, (2) vulnerability, (3) consequences. To this end, candidates must have knowledge of the main metrics used in the assessment of hazard and/or vulnerability to natural hazards, in particular seismic and anthropogenic hazards, as well as proven ability to develop hazard and/or risk calculation algorithms.

Maximum number of publications: **12**

All candidates must take the teaching test in Italian in a scientific discipline of their choice, included in the scientific disciplinary group of this procedure.

All candidates must deliver a public seminar, during which they will illustrate their research activity in Italian.

As part of the overall assessment:



teaching, supplementary teaching, student services and the teaching test will account for 40%  
scientific research will account for 60%

**Comparative procedure (as per art. 18, paragraph 1, of Law 240/2010, and subsequent amendments and additions), for one position, among others, of Associate Professor in GSD 09/IIND-01 Aerospace and Naval Engineering SSD IIND-01/G Aerospace Propulsion fulfilling requirements for the Scientific-Technological Area of the Scuola Superiore Meridionale**

Specific duties of the Associate Professor: Teaching and Research activities in the disciplines of the field of **Aerospace Propulsion (SSD IIND-01/G, GSD 09/IIND-01)**

*Teaching and student service activities* shall be performed according to the schedule established by the competent academic bodies and the requirements of the relevant academic structure (Scientific - Technological Area).

*Research activities* shall be performed in fields related to Cosmology, Space Science & Space Technology (SPACE).

*Management, organizational, and service activities* shall be performed according to the requirements of the relevant academic structure (Scientific - Technological Area).

**Required teaching and research commitment.**

**Teaching commitment:** The teaching activity will be related to the disciplines relevant to **GSD 09/IIND-01** and, in particular, to **SSD IIND-01/G Aerospace Propulsion** through lectures, exercises, supplementary teaching and support for regular students and PhD candidates based on the schedule established by the competent academic bodies and according to the requirements of the relevant academic structure (Scientific-Technological Area). The teaching activities will be particularly oriented towards multidisciplinary scientific and professional training in order to enable the student to combine basic knowledge with possible applications. The teaching commitment is defined by the competent academic bodies. Activities related to orientation, tutoring, and support for the preparation of licentiate and doctoral theses are also required, along with dissemination and outreach activities for the relevant academic structure (Scientific-Technological Area). The overall annual commitment for teaching activities, supplementary teaching and student services amounts to 350 hours for the full-time regime; of these at least 120 hours per year will include lectures (no less than 60 hours per year), tutorials, in-presence shadowing of students engaged in laboratory activities, as well as leading seminars and round tables within the schedule approved by the competent bodies. Teaching activities may also be carried out in English.

**Research commitment:** The research activity is expected to be within the field of **Aerospace Propulsion (SSD IIND-01/G)**, with particular reference to numerical and experimental methodologies for the study of space propulsion systems and, more generally, of systems and technologies for access to space. The research activity must be coherent with the research lines identified at the Scuola Superiore Meridionale, also in collaboration with public and private research institutions, with coordination roles and in collaboration with other researchers. The candidate must be an expert in Space Propulsion, particularly in the field of rocket propulsion, for the formulation of thermo-fluid dynamic models to be compared with experimental research results related to space launchers and satellite platforms. For this purpose, the candidate shall have experience in the formulation of models of supersonic reacting flows in chemical non-equilibrium, also for the study and characterization of materials and complex components in highly corrosive, high-temperature environments.

Maximum number of publications accepted: **12**

All candidates will be required to undergo a teaching test **in English** in a discipline of their choosing,

as long as it is included in the scientific disciplinary group of this procedure (GSD IIND-01).

As part of the overall evaluation:

teaching activities, supplementary teaching, student services, and the teaching test will weigh for **40%**

scientific research activities will weigh for **55%**

management, organizational, and service activities will weigh for **5%**

**Comparative procedure (as per art. 18, paragraph 1, Law 240/2010, and subsequent amendments and additions), for the recruitment of one full-time associate professors in “Methods in laboratory medicine, technical, diagnostic, assistance, prevention and rehabilitation, health profession sciences, advanced medical and surgical technology and methodology” (GSD 06/MEDS-26), specifically in the the Scientific Sector “ Biotechnology and Methods in Laboratory Medicine” (SSD MEDS-26/A), for the Scientific-Technological Area of the Scuola Superiore Meridionale**

Specific duties to be performed: teaching and scientific activities related to the disciplines pertaining to the Scientific-Disciplinary Sector MEDS-26/A - Biotechnology and Methods in Laboratory Medicine

Teaching, supplementary teaching, and student service activities: these activities shall be carried out according to the schedule established by the competent relevant academic bodies and based on the needs of the relevant academic structure (Scientific and Technological Area), in for fields connected with related to SSD MED-26/A- Biotechnology and Methods in Laboratory Medicine. The candidate shall develop and coordinate preclinical, translational, and clinical research lines in the field of Technical Sciences of Laboratory Medicine, with particular emphasis on oncology and, specifically, on cancers such as breast, colorectal, thoracic–pulmonary, and gynecological tumors. Research activities will be conducted predominantly using essential preclinical models, including murine models, to assess the efficacy of targeted therapies, determine tumor microenvironment remodeling, and detect metabolic changes and specific oncological markers in blood samples. Particular attention shall be devoted to the role of cancer stem cells and to the characterization of the altered mechanisms distinguishing them from embryonic stem cells.

Managerial, organizational, and service activities: these shall be performed according to the needs of the relevant academic structure (Scientific and Technological Area).

Required teaching and scientific commitment: teaching activities shall concern disciplines related to the field of Technical Sciences of Laboratory Medicine (SSD MEDS-26/A, Oncology, Embryology, and Immunology). This includes delivering lectures and providing tutoring to undergraduate, postgraduate, and doctoral students, in accordance with the schedule established by the competent academic authorities and the requirements of the relevant academic structure (Scientific-Technological Area). Teaching activities will be oriented towards multidisciplinary scientific and professional training in order to allow students to combine basic knowledge with its possible applications. Teaching commitment is determined by the competent academic bodies. Additional required activities will include orientation and guidance, tutoring, support in the preparation of undergraduate and doctoral theses, as well as outreach activities on behalf of the relevant academic structure (Scientific-Technological Area).

The overall annual commitment required for teaching and student-support activities amounts to 350 hours for full-time positions; of these, no less than 120 hours per year will consist of classroom teaching (no less than 60 hours per year), practical sessions, in-person supervision of students in research laboratory activities, as well as seminars and round tables conducted by the professor, in line with the schedules devised by the relevant academic bodies.

Teaching activities may also be conducted in English.

Research activities are expected to focus on the field of Technical Sciences of Laboratory Medicine, with particular emphasis on breast, colorectal, thoracic–pulmonary, and gynecological cancers, and specifically on:

- identifying new diagnostic and prognostic biomarkers detectable through liquid biopsy;
- identifying new biological mechanisms of resistance to anticancer treatments and new therapeutic targets associated with cellular stemness;
- defining new potential therapeutic strategies;

- identifying novel metabolic targets and innovative nutritional interventions.

**Maximum number of publications: 15**

Candidates who are not permanent or fixed-term university researchers, or university professors, shall be required to carry out a teaching test, in Italian, in a scientific-disciplinary sector of their choice included within the scientific-disciplinary group of the present procedure, preferably in the area of innovative technologies applied to the oncological field.

All candidates shall deliver a public seminar, during which they will present their research activity in English.

As part of the overall assessment:

teaching, supplementary teaching, and student-support activities will account for 30% of the total score;

scientific research activities will account for 60% of the total score;

managerial, organizational, and service activities will account for 5% of the total score;

any additional activities, where applicable, will account for 5% of the total score.

Within the above categories, preferential criteria shall include: teaching and/or research activities carried out at international institutions (for at least five years), and research experience involving in vivo preclinical models.