

**SELECTION PROCEDURE TO RECRUIT 1 ASSOCIATE PROFESSOR BY CALL FOR APPLICATIONS PURSUANT TO ART. 18 - LAW N. 240 OF 30 DECEMBER 2010 AND REGULATION FOR THE RECRUITMENT OF FIRST AND SECOND LEVEL LECTURERS Reserved for *Permanent Researchers (Ricercatori a tempo indeterminato) who have received a national scientific qualification (Abilitazione Scientifica Nazionale as per the article 16 of Law no. 240/2010)* (Rectoral Decree Register no. 43193 dated 02.03.2021)**

Art. 1 – ASSESSMENT PROCEDURES

**DEPARTMENT OF BIOTECNOLOGIE, CHIMICA E FARMACIA**

**n. 1 POSITION**

Academic recruitment field **03/B1** Principles chemistry and inorganic systems

Academic discipline **CHIM/03** General and inorganic chemistry

Maximum of scientific publications to submit: 20

Foreign language, whose adequate knowledge will be assessed: **English**

**Specific teaching functions**

The scientific work will be performed within the areas of interest specific of SSD CHIM/03.

The researcher is expected to actively participate to and develop research projects within an international context. The researcher is expected to demonstrate ability to work in teams and dedication in attracting research funds.

**Specific research functions**

The teaching activity will be carried out within the courses belonging to the SSD CHIM/03, on the basis of the annual planning approved by the Department Council.

**DEPARTMENT OF BIOTECNOLOGIE MEDICHE**

**n. 1 POSITION**

Academic recruitment field **09/B2** Bioengineering

Academic discipline **ING-INF/06** Electronic and informatics bioengineering

Maximum of scientific publications to submit: **40**

Candidates will be required to carry out a seminar on their research activity in English.

**Specific research functions**

The scientific activity will be related to the areas of the scientific disciplinary sector (SDS) ING-INF/06, with particular reference to the modelling of physiological systems at the level of cellular and sub-cellular components (computational biology) and to computer techniques for biology and medical biotechnology (bioinformatics). Participation in and/or contribution to international research projects, with the ability to work in collaboration, will also be required.



### **Specific teaching functions**

Teaching covering of subjects in the SDS ING-INF/06, and similar, which are present in the various Bachelor's and Master's degree courses of which the DBM is the holder and in other departments for which the sector ING-INF/06 covers teaching activities, with particular regard to modelling and data analysis issues in medical biotechnology.

The tutoring of students both for Bachelor's and Master's theses and for the PhD will also constitute an element of positive evaluation.

## **DEPARTMENT OF SCIENZE DELLA VITA**

### **n. 1 POSITION**

Academic recruitment field **05/E2** Molecular biology

Academic discipline **BIO/11** Molecular biology

Maximum of scientific publications to submit: **30**

Foreign language, whose adequate knowledge will be assessed: **English**

### **Specific teaching functions**

The teaching activities will be within the SSD BIO/11 for the courses delivered under the responsibility of the Department of Life Sciences, and in the courses of other departments for which SSD BIO/11 is carrying out teaching activities.

### **Specific research functions**

The scientific activities will be linked to the specific research areas of the SSD BIO/11, with particular reference to the study of the macromolecules responsible for the phenomena of differentiation, motility and intercellular communication in the context of immunity. The professor must participate in research projects and develop research in an international context, with team working skills.

## **DEPARTMENT OF SCIENZE FISICHE, DELLA TERRA E DELL'AMBIENTE**

### **n. 1 POSITION**

Academic recruitment field **04/A3** Engineering geology, physical geography and geomorphology

Academic discipline **GEO/05** Engineering geology

Maximum of scientific publications to submit: 15 (and not less than 12)

Foreign language, whose adequate knowledge will be assessed: **English**

### **Specific research functions**

The scientific activities will refer to the specific topics of the SSD GEO/05 (Applied Geology), with reference to the study and evaluation of natural phenomena responsible for geological hazard and risk (by field surveys, slope stability analysis, numerical modeling of geological processes, digital cartography, etc.) and in their monitoring by field observations and remote sensing techniques (satellite imagery, photogrammetry, GPS, laser scanning, optical systems, etc.).

### **Specific teaching functions**

Teaching activities will be developed in the frame of SSD GEO/05 (Applied Geology) courses active at the

Department of Physical, Earth and Environmental Sciences at the University of Siena.

Element of appreciation will be experience in the tutoring of bachelor, master and PhD theses."

#### Art. 2 – REQUIREMENTS FOR ADMISSION TO THE PROCEDURE

1. The procedure is open to the following candidates:  
*Permanent Researchers (Ricercatori a tempo indeterminato) who have received a national scientific qualification (Abilitazione Scientifica Nazionale as per the article 16 of Law no. 240/2010) for the academic recruitment field or one of the academic recruitment fields included in the same group of academic recruitment fields, and for the academic level that is the subject of the selection procedure or for an higher academic level*
2. The procedure is not open to anyone who:
  - a) has a degree of kinship or affinity, up to and including the fourth degree, with a professor from the Department for which the call is issued, or with the Rector, the General Manager or a member of the University Council. Neither is the procedure open to anyone who has a significant ongoing business relationship with any of the aforementioned individuals;
  - b) does not enjoy civil and political rights;
  - c) has been dismissed or released from a post with the Public Administration or for whom State employment has lapsed pursuant to Presidential Decree 3/1957.
3. The lack of payment of the contribution of 10 € will lead to the disqualification of the applicant. The payment must be made in the following way: PagoPA.
4. The requirements must be met at the deadline for submission of applications. The Rector has the right, with justification, to exclude candidates from the procedure at any time for not meeting the established admission requirements.

#### Art. 3 - PRESENTATION OF THE APPLICATION

1. Applications for admission to the procedures and the documents indicated below, **in pdf (size limit: 30 MB for every single PDF file)**, must be lodged by using the application <https://pica.cineca.it/unisi>. The application must be submitted on line no later than 30 days after the date of publication of the notice for this call for applications in the Official Journal of the Italian Republic (Gazzetta Ufficiale). For technical problems concerning the application PICA please contact [unisi@cinca.it](mailto:unisi@cinca.it).
2. The applicant will receive an e-mail after the successful submission of the application, including a confirmation and an ID number. The applicant will be able to check her/his successful submission and its recording in the register by logging into PICA.  
The lack of the signature on the application will lead to the disqualification of the applicant.  
The Administration declines all responsibility for applications not received (successfully submitted as specified above) due to negligence or error of third parties.
3. The following documents must be included with the application:
  - a signed and dated curriculum vitae containing a list of the candidate's qualifications, scientific publications and other activities;
  - the publications the candidate intends to submit for evaluation by the Board and a signed list of the publications submitted;
  - copy of a valid identity document.

4. The applicant will have to declare pursuant to articles 46 and 47 of Presidential Decree no. 445/2000 certifying the truth of all data contained in the application.

5. The applicant furthermore declare that:

- to have no criminal convictions;
- to have no criminal proceedings in progress;
- to be registered on the electoral roll;
- to enjoy civil and political rights in state of citizenship/origin;
- to have not been dismissed for disciplinary reasons, removed or released from a job in a public administration due to persistently inadequate performance, or lost a civil service job having obtained it by producing false documents that cannot be rectified;
- to do not have a relationship or affinity up to and including the fourth degree with a professor belonging to the Department or the structure proposing the activation of the contract, or with the Rector, the General Manager or a member of the University Council;
- to be perfectly aware that the Commission will be appointed by decree of the Rector published, with the validity of notification, on the online Bulletin Board (“Albo on line”) and on the University of Siena website;
- to be perfectly aware that the criteria established by the Commission and the list of eligible applicants, identified by id number, will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website;
- to be perfectly aware that should a job interview be scheduled (with the aim of assessing scientific qualification, language skills and, if required, a teaching test), the place, date and time of the interview will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website at least 20 days prior to the set date;
- to be perfectly aware that the Decree of Approval (Approvazione atti) will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website;
- to be perfectly aware that every change of residence and/or contact number and/or email address must be promptly notified to the Planning and Recruiting Office (Ufficio programmazione e reclutamento: concorsi@unisi.it).

It is important to highlight that non-Italian applicants will have to declare to have adequate knowledge of the Italian language.

6. Publications must be submitted in the original language which, if other than Italian, English, French, German and Spanish, must be translated into one of said languages. The translated texts must be submitted as a certified true typed copy as required by current regulations.

7. Documents written in a language other than Italian, English, French, German and Spanish, must be accompanied by an Italian translation, certified as true to the original text by the competent diplomatic or consular representation, or by an official translator.

#### Art. 4 – EVALUATION BOARD

The Evaluation Board is appointed from candidates proposed by individual Departments and in observance of the Code of Ethics, by Rectoral Decree no later than 60 days after the deadline for applications.

The Board is composed of three first-level professors (“prima fascia” or equivalent role in the case of components from foreign universities), belonging to the academic recruitment field or to a academic discipline in the same group of academic recruitment fields. At least two members of the Board must be from outside the University of Siena.



The appointment decree is published on the official University noticeboard and on the web page dedicated to the competition procedure.

No later than 30 days after the Board's appointment, candidates can dispute the Board members, indicating their reasons. The Rector decides the dispute. The Rector's decision is promptly communicated to the candidate.

#### Art. 5 – SELECTION OF CANDIDATES AND PROPOSED CALL

The Board is governed by the general assessment criteria determined by the Academic Senate. The Board also observes the specific functions established by the Department and detailed in part I.

At its first meeting, the Board sets the general criteria and specific evaluation methods and procedures. The criteria and methods are published on the web page dedicated to the competition procedure.

#### Art. 6 - PROCESSING OF PERSONAL DATA AND PERSON RESPONSIBLE FOR THE PROCEDURE

We hereby inform that the University of Siena will process the personal data provided by candidates in their application or communicated by candidates with application supplements. Data will be processed, in compliance with EU Regulation 2016/679 on the protection of personal data, for the purposes of selection procedure, possible assignment of job or employment, final ranking list (where foreseen in the competition notice).

The information note on processing of personal data is available at: <https://www.unisi.it/ateneo/adempimenti/privacy>.

For the purposes envisaged by Law no. 241/7.8.1990, the Person Responsible for the Procedure of the present competition is the Head of the Ufficio programmazione ruoli e reclutamento of this university ([concorsi@unisi.it](mailto:concorsi@unisi.it)).

For all matters not explicitly mentioned in the present call, see the regulations on competitions, in particular the Regulation for Recruitment of First and Second Level Lecturers, Rector's Decree. no. 1110 dated 21 July 2014 and subsequent amendments.

Siena, date digital signature

The Rector  
Francesco Frati

Endorsement  
The Procedure Manager  
Clara Pluchino