



Università  
Ca' Foscari  
Venezia

**Call for n. 1 Short Research Fellowship(s) - Ca' Foscari University of Venice – Department of Economics**  
(L. 240 del December 30th 2010, art. 18, DL 19/2012; Regulations about Short Research fellowships issued under D.R. 300/2014 of 14/04/2014 and subsequent amendments and additions) -

The present document in English is to be considered as a mere translation of the provisions of the call that is available in Italian at the following [link](#). The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

### **Description**

The Department of Economics of Università Ca' Foscari Venezia having regard to the Departmental Council of 2025.12.18 establishing the research programmes for awarding of the short fellowships in:

#### **Financial and Machine Learning methods for the evaluation and mitigation of energy transition risk**

funded by the project's general expenses PRIN, Bando 2022 PNRR - Protocollo: P2022XTLM2; Just Energy Transition – JET: Stochastic and machine learning methods for the evaluation, mitigation and geographical hedging of involved natural risks (with climate in view) CUP H53D23008460001

- **SSD:** STAT-04/A; **GSD:** 13/STAT-04
- **scientific coordinator and tutor** Prof. Marco Corazza
- **duration:** 2 months, approximately starting from April 2026

The research fellowship is awarded for the purpose of collaboration with the following research programme of the Department of Economics:

### **Abstract:**

The sustainable energy transition is exposing firms to increasing transition-related costs and financial risks. Small and medium-sized enterprises (SMEs) are particularly vulnerable due to their limited resources to manage regulatory and market uncertainty, with potentially adverse implications for firm value and competitiveness. To support the transition process of SMEs, we propose to investigate innovative derivative instruments that enable firms to hedge transition-related costs and risks. Using simulation approaches combined with appropriate Machine Learning methods, we aim to evaluate these derivatives and assess their effectiveness in mitigating energy transition risk

**The research fellowship amounts to Euro 5.990,79=.** gross to the recipient and will be subject to taxation in accordance with the regulations in force. The amount, in deferred monthly instalments, is to be considered inclusive of any costs associated with the performance of the research activity envisaged by the project

**Deadline for submission of applications: 2026.03.24, h. 12.00, noon, local time.**

### **Rules of eligibility – Beneficiaries**

Citizens belonging to European Union member states and non-community citizens in possession of the following qualifications may take part in the selection:

- master's degree in disciplines related to GSD 13/STAT-04 and/or the topics of the project.

Applicants must hold all the requisites within the call deadline. A Commission will evaluate the eligibility and qualifications of the candidates and makes a merit rank of them.

## Skill required

- Research activities in the quantitative-financial and Machine Learning fields;
- Experience in using Matlab and/or Python for financial data analysis, simulations and machine learning applications in the economic-financial field;
- Knowledge of English sufficient to fully understand research papers written in that language.
- Knowledge of one or more of the following machine learning models: Adversarial Models; Latent-Encoding Models; Energy-based Models

## Any other evaluable qualifications

- PhD (or equivalent foreign qualification) in disciplines related to GSD 13/STAT-04 and/or the topics of the project;
- Level II Master's degree (or equivalent foreign qualification) in disciplines relevant to GSD 13/STAT-04 and/or the topics covered by the project;
- Scientific publications relevant to GSD 13/STAT-04 and/or the topics covered by the project.

## How to apply

Candidates should submit:

1. The application form
2. A CV in European format (<http://www.unive.it/data/28900/>), duly dated and signed.
3. A photocopy of a valid identity document (e.g. Identity Card or Passport).
4. All documents, qualifications and publications relevant for the selection procedure.

## How to submit your application

Applications, together with all the required documentation, have to be submitted exclusively online at the following webpage:

<https://apps.unive.it/domandeconcorso-en/accesso/dec-borsacorazza-09032026>

**by inserting their Italian Tax Code.** Foreign citizens not yet in possession of the Italian Tax Code can use the following link <https://apps.unive.it/utills/cf> to obtain a temporary one and be able to proceed with the request

The candidate if necessary could access the procedures for updating any data and materials by the link, in any case any updates must be made no later than the deadline **2026.03.24, h. 12.00, noon, local time.**

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of their application. The candidate if necessary could access the procedures for updating any data and materials through the link and submission number provided in the e-mail until the call deadline expires.

Please note that candidate can contact the University for any support needs by the candidate until 24 hours prior to the deadline. For further information please contact Segreteria Amministrativa del Dipartimento di Economia, phone number: 041-2349173; e-mail: [simar@unive.it](mailto:simar@unive.it).

Please note that in case of a high number of applications and / or weight of the materials loaded by the candidates the system might become slower. Therefore, it is suggested not to start the process close to the deadline.

Incomplete applications, those without the required data and the compulsory attachments will not be taken into consideration. Furthermore, the applications which, for any reason, reach this University beyond the deadline indicated above cannot be accepted.

The declarations made in the application shall be considered issued in accordance with the DPR no. 445/2000

and subsequent amendments, by candidates entitled to use the simplified administrative certifications permitted by the above decree.

### **Selection and evaluation procedure**

The selection is made by assessment of the scientific-professional qualifications of the candidates, by a Selection Committee appointed by order of the Director of the research department taking into account, whereas possible, gender balance

A Commission summoned by the Director of the Department, who indicates the President of the Commission and the member taking the minutes, will evaluate the applications.

The Commission defines the general evaluation criteria. The qualifications and any other test must ascertain the suitability of the applicant to the research activity. The Commission compiles a ranking and specifies the winning applicant, having regard to the score appointed to experience and qualifications and any other test, as specified by the call.

### **Awarding of the short research fellowship**

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Having received the selection documents, and at the outcome of the checks, the Director approves, by his own decree, the classification and the selection procedure reports and makes them public.

Notification, including the start date of the short-term research fellowship, shall be sent to the winning candidate.

The winner must accept the short-term research fellowship within seven days of receipt of the written notification referred to above, under penalty of revocation. In the event of withdrawal, the short-term research fellowship shall be awarded to the next available candidate, following the order of the final ranking of merit.

The Director Decree approving the selection acts and designating the winner and the Report defining the evaluation criteria or any postponement will be notified through the publication, on the University's webpage (<https://www.unive.it/data/12136/>), from **2026/03/26**.

Access to the selection documents is guaranteed pursuant to the law of August 7<sup>th</sup> 1990, no. 241 and subsequent amendments and additions and relative internal implementation regulation.

### **Scientific products**

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Report on project activities

### **Incompatibility**

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The short-term research fellowship may not overlap with:

- other scholarships granted in any capacity, apart from those granted by national or foreign research institutes in order to integrate with periods abroad the specific activity foreseen by the work plan of the appointed fellow;
- attendance of PhD courses with scholarship and medical specialization, in Italy and abroad;
- research grants "asegni di ricerca"

Fellowship holders may carry out self-employed work or occasional or permanent collaborations, as long as this is coherent with the ongoing research, upon approval and on the condition that:

- does not involve a conflict of interest with the specific research activity carried out;
- does not prejudice the university, in relation to the activities carried out.

Subordinate employment contracts holders, in addition to obtaining permission by the university, must provide the authorization of their employer.

In the specific case that the subordinate employment contract started prior to the awarding of the fellowship, compatibility with the existing employment will have to be assessed; if the assessment yields a negative result, the short research fellowship will not be awarded; in the case of a positive result, the successful candidate will have to provide the authorization of his/her employer within 15 days.

In the event that the subordinate employment contract will start once the fellowship is ongoing, the successful applicant is required to notify this change at least 15 days before the start of the employment contract for an assessment of compatibility; if the assessment is negative, the fellowship will cease by the start of the employment contract; in the event of a positive outcome, the successful applicant must provide the authorization of his/her employer within 15 days.

The awarding of the short-term research fellowship does not imply the establishment of any employment contract, nor does it give rise to any rights of access to positions of employment at the university

### **Information and contacts**

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For further information please contact Segreteria Amministrativa del Dipartimento di Economia, phone number: 041-2349173; e-mail: [simar@unive.it](mailto:simar@unive.it)

### **Processing of personal data**

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Personal data provided by the candidates in their applications for participation in the selection procedures, are processed pursuant to the legislative decree of June 30th 2003, no. 196 and subsequent amendments and additions and to EU Regulations 2016/679. Comprehensive information on personal data processing can be found [here](#).

### **The person responsible for administrative proceedings**

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In accordance with Art. 5 of Law no. 241 dated 7 August 1990, as amended, the person responsible for the selection process (RPA) is Dott. Silvia Lovatti who can be reached at the Department of Economics, at the e-mail address [silvialo@unive.it](mailto:silvialo@unive.it) and telephone no. +39 04102349158

### **Final provisions**

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For anything not specified in this call, see the University of Venice's current regulations regarding the awarding for research fellowships and the current legislation.