

Bucharest University of Economic Studies

Date: 25th of April, 2025



ANNOUNCEMENT

The Bucharest University of Economic Studies is currently holding a selection process for *one* position of **Experienced researcher** within the project “**IDA Institute for Digital Assets**”, project code 166/15.11.2022.

The employment offered for this position is part-time, with a maximum of maximum 40 working hours per month, which may be unevenly distributed.

The gross hourly wage for this position is of 241,50 lei per hour.

The individual contract of employment will be concluded for a fixed-term period of time until de 30th of June, 2026.

A. To participate in the competition, candidates must meet the following general and specific conditions:

1. General conditions:

- a) has Romanian citizenship, citizenship of other member states of the European Union, of states belonging to the European Economic Area and/or foreign states as defined by art. 2 lit. a) of GEO 194/12.12.2002 with subsequent amendments and completions, respectively persons who do not have Romanian citizenship, citizenship of another EU member state or citizenship of the Swiss Confederation;
- b) has the minimum age regulated by the legal provisions;
- c) has full capacity;
- d) has a relevant state of health for the position he is applying for.
- e) meets the conditions of education and, where appropriate, seniority or other specific conditions by the requirements of the post to be filled;
- f) has not been convicted of a crime against humanity, against the State or authority, or of an offence committed in the course of or in connection with the performance of his or her duties which obstructs the course of justice, or forgery or corruption, or of an offence committed with intent which would make him or her incompatible with the performance of his or her duties, unless he or she has been rehabilitated.

2. Specific conditions:

- a) level of education: higher education completed with a Ph.D. degree;
- b) area of studies: economics, business administration, cybernetics and statistics, economic informatics, finance, engineering or similar;
- c) other specific conditions:
 - i. experience in leading quantitative research , preferably in the field of systemic risk and financial technology;
 - ii. knowledge regarding research management on the systemic risk in the financial sector, with a focus on the digital assets(DA) and the blockchain technology;
 - iii. knowledge regarding the implementation of robust econometric and economic modeling techniques in order to analyze both the financial markets and the systemic risk factors;
 - iv. knowledge regarding the mathematical statistics, time series analysis and big data analytics.
- d) responsabilități:
 - i. developing and implementing research methodologies in order to analyze the impact of the adoption of blockchain on the systemic risk;
 - ii. publication of both research papers and reports regarding the systemic risk, financial markets and the DA eco-system.
- e) skills:
 - i. excellent spoken and written communication skills;
 - ii. the ability of creating scientific ideas and of collaborating with the other research team members.

B. The selection will consist of:

1. **Step 1 - Evaluation of selection files;**
2. **Step 2 - Structured interview** (in the situation where at least 2 candidates do not register, the competition committee can decide to simplify the procedure and carry out the selection without conducting the interview); At the proposal of the chairman of the committee, the project director can attend the interview of the candidates and ask them questions.
 - *the date and time of the interview*: to be announced at the same time as the results of the selection files evaluation are published;
 - *the place of the interview*: to be announced at the same time as the results of the selection files evaluation are published,

The tests are eliminatory, the minimum score for each test is 50 points.

C. Topics and bibliography:

1. Topics:

1. Digital assets;
2. Blockchain;
3. Risk Management ;

4. FinTech;
5. Digital business models;
6. Quantinar.com, Quantlet.com, Blockchain-research-center.com

2. Bibliografia:

1. Baruník J, Křehlík T (2018), Measuring the frequency dynamics of financial connectedness and systemic risk. *Journal of Financial Econometrics*. <https://doi.org/10.1093/jjfinec/nby001>
2. Bonnet S & Teuteberg F (2023). Impact of blockchain and distributed ledger technology for the management of the intellectual property life cycle: A multiple case study analysis. *Computers in Industry*. <https://doi.org/10.1016/j.compind.2022.103789>
3. Chalmers D, Matthews R & Hyslop A (2021). Blockchain as an external enabler of new venture ideas: Digital entrepreneurs and the disintermediation of the global music industry. *Journal of Business Research*. <https://doi.org/10.1016/j.jbusres.2019.09.002>
4. Diebold FX, Yilmaz K (2012). Better to give than to receive: Predictive directional measurement of volatility spillovers. *International Journal of forecasting*. doi.org/10.1016/j.ijforecast.2011.02.006
5. Frizzo-Barker J, Chow-White PA, Adams PR, Mentanko J, Ha D & Green S (2020). Blockchain as a disruptive technology for business: A systematic review. *International Journal of Information Management*. <https://doi.org/10.1016/j.ijinfomgt.2019.10.014>
6. Lim B, Arik SÖ, Loeff N & Pfister T (2021). Temporal fusion transformers for interpretable multi-horizon time series forecasting. *International Journal of Forecasting*. <https://doi.org/10.1016/j.ijforecast.2021.03.012>
7. Liu Y, He D, Obaidat MS, Kumar N, Khan MK & Choo KKR (2020). Blockchain-based identity management systems: A review. *Journal of network and computer applications*. <https://doi.org/10.1016/j.jnca.2020.102731>
8. Ren R, Althof M, Härdle WK (2022). Financial risk meter for cryptocurrencies and tail-risk network based portfolio construction. <https://doi.org/10.1142/S0217590822480010>
9. Zhan Y, Xiong Y & Xing X (2022). A conceptual model and case study of blockchain-enabled social media platform. *Technovation*. <https://doi.org/10.1016/j.technovation.2022.102610>

D. Contents of the competition file:

1. A record of the enclosed documents
2. Application for the recruitment and selection process addressed to the Rector of ASE;
3. Copy of the identity document or any other document attesting the identity, according to the law, as the case may be;
4. Copy of marriage certificate or proof of name change, if the candidate changed his name (proof of name change);
5. The criminal record or a self-declaration that it has no criminal record that makes it incompatible with the position for which it is applying;
6. Medical certificate attesting the appropriate health status issued no more than 6 months prior to the selection by the family doctor of the candidate or by the competent medical units, or the declaration on its own responsibility, with the obligation to fill in the selection file with the medical certificate at the latest by the date of the first test of the recruitment and selection process, if applicable
7. Declaration on own responsibility if the candidate has or does not have a husband/wife or relatives and affines, up to the III-th degree inclusively, who are employees of the

Academy of Economic Studies of Bucharest in a position of leadership, control, authority with the post taken out for selection and not the post, to which they apply, is not in a position of leadership, control, authority with husband/wife or relatives, up to and including III degree, employees of the University;

8. Statement for the processing of personal data;
9. Curriculum vitae in European format (www.cveuropean.ro/cv-online.html) – signed and dated on each page;
10. Copies of documents that certify the completed level of education and any other additional documents that attest to the completion of specializations, as well as copies of documents certify the fulfilment of the specific conditions required for the position, as outlined in Chapter A, point 2.

E. Contact information:

The competition files are due on May 76th 2025, by 16:00, at the BUES Registrar's Office, located in the "Ion Angelescu" Building, Căderea Bastiliei Street, ground floor, room 0016.

Contact:

1. For additional information regarding the responsibilities of the position being applied for- email: fondurieuropene@ase.ro
2. For information regarding the recruiting and selection process- email: dru@ase.ro

F. The calendar of the selection process:

No. crt.	Activities	Date
1.	Publishment of the announcement	25.04.2025
2.	Submitting the candidates' competition files at the ASE Registrar's Office	07.05.2025
3.	Selection of application files by the members of the competition committee	08.05.2025
4.	Publication of the results of the selection of the application files	09.05.2025
5.	Submission of appeals regarding the results of the selection of application files	12.05.2025
6.	Publication of the results of the appeals	12.05.2025
7.	Interview	14.05.2025
8.	Communication of the results after the interview	15.05.2025
9.	Submission of appeals regarding the interview results	16.05.2025

10.	Publication of the results of the appeal	19.05.2025
11.	Publication of the final results	19.05.2025
12.	Appointment to the position	After approval from the Board of Trustees