

Field name	Description
University	Constantin Brâncusi University from Târgu-Jiu
Faculty	Faculty of Economic Sciences
Department	Department of Finance and Accounting
The position in the state of functions	5
Function	University professor
Disciplines from the education plan	Economic statistics Economic statistics Simulations and management projects Introduction to the modeling of economic and social phenomena
Scientific field	Cybernetics and Statistics
Description of the position put out to competition	University professor, position 5, Department of Finance and Accounting/ Faculty of Economic Sciences . The disciplines in the structure of the position can be found in the curricula of the undergraduate programs of the Faculty of Economic Sciences and the Faculty of Engineering. Furthermore, in addition to the didactic activities, the position also includes assessment and consultation activities for the subjects in the curriculum included in the competitive position and guidance activities for the preparation of bachelor's theses. The position is out for competition for an indefinite period.
powers	Didactic norm (post disciplines): Economic statistics - 2 hours teaching activities + 2 hours seminar; Economic statistics - 3 hours teaching activities Management simulations and projects – 2 hours teaching activities + 2 hours seminar; Introduction to the modeling of economic and social phenomena - 2 hours teaching activities - Research activities - according to the Higher Education Law no. 199/2023 and the job description, which will be drawn up as an annex to the employment contract.
Base salary	12.983 lei
Date of publication of the announcement	29.11.2023
Registration start and end period	29.11.2023-16.01.2024
Date, day of the week and time of the lecture	01.02.2024, Thursday, 14.00 am
The place of giving the lecture	Faculty of Economic Sciences, Tineretului str., no. 4, Târgu-Jiu, Gorj
The data for supporting the competition tests, including the lectures, courses, etc.	01.02.2024

Date of communication of the results	01.02.2024
The period of beginning and end of appeals	02.02.2024 – 06.02.2024
The theme of the competition tests	For candidates from the higher education system, the fulfillment of the minimum standards for occupying the position is verified in accordance with OMEN no. 6129/2016 and with the Methodology for the occupation of teaching and research positions of the "Constantin Brâncuși" University from Târgu Jiu. Candidates who come from outside higher education also take a test consisting of a public lecture, with the following theme: Discipline: Economic Statistics: Theme: - Elements of microeconomic statistics: Statistical indicators of the company's economic potential; Statistical indicators of the company's production cost and profit; Statistical indicators regarding the financial potential of the company; The dynamics of the company's activity from the perspective of the results indicators - Synthetic indices used in the economy: Gross Domestic Product; Consumer price index; Consumer price index in international comparisons; Inflation rate; Unemployment rate; Work productivity - Methods of statistical analysis of the links between social and economic phenomena : Regression analysis; Correlation analysis - Use of statistical tests: Univariate statistical tests; Bivariate tests Bibliography: 1. Angelache Constantine. <i>Treatise on theoretical and economic statistics</i> , Economic Publishing House, 2008 2. Băcescu Cărbunaru Angelica. <i>Macroeconomic statistics</i>. publishing house University, 2009 3. Newbold Paul, William L. Carlson, Betty M. Thorne. <i>Statistics for business and economics</i> . Pearson, 2013. 4. Titan Emilia, Ghita Simona, Trandas Cristina. <i>Applied Statistics</i> , Meteor Press, 2005 Discipline: Simulations and management projects: Theme: - Methods and techniques used in project management: The critical path analysis model within a managerial project; The stages of optimizing a managerial project through the Critical Path Method; - Decision optimization methods: Decision optimization through linear programming; Optimization of transport and distribution problems; Optimization of allocation problems Bibliography: 1. Havey Michael. <i>Essential business process modeling</i>. O'Reilly Media, Incorporated, 2005. 2. Laguna Manuel, Marklund, Johan. <i>Business process modeling, simulation and design</i> . Pearson, 2005. 3. Nagy Mariana, Vizental Mihaiela, <i>Decision support using the Excel environment</i> , Albastră Publishing House, Cluj-Napoca, 2008

	4. Weske Mathias. <i>Business Process Management: Concepts, Languages, Architectures</i> , Springer, Berlin, 2012 Discipline: Introduction to the modeling of economic and social phenomena Theme: - Modeling the formation of equilibrium at the level of the real economy system. AD-AS models : Static AD-AS model; AD-AS model with fixed prices; The dynamic AD-AS model - Modeling economic growth. The Solow-Swan model : The Solow-Swan growth model; Solow-Swan model with technical progress; Endogenous economic growth models (AK type); Romer's model of the engine of economic growth - Modeling economic cycles and fluctuations: Economic growth models with stochastic cycles; Model of real economic cycles with "learning - by - doing"; Endogenous growth models with deterministic cycles Bibliography: 1. Brian Ferguson, Lim Guay. <i>Introduction to Dynamic Economic Models</i> , Manchester Univ Pr, 1998 2. Jula Nicoleta, Jula Dorin. <i>Economic modeling. Econometric and optimization models</i> , Mustang Publishing, Bucharest, 2014 3. Luban Florica, Ratiu-Suciu Camelia, Hincu Daniela, Ciocoiu Nadia. <i>Economic Modelling</i> , 2nd Edition, ASE Publishing House , Bucharest, 2009 4. Romer, David, <i>Advanced Macroeconomics</i>, New York: McGraw-Hill, 1996
Description of the competition procedure	The competition takes place in accordance with the Competition Framework Methodology for filling vacant teaching and research positions in higher education approved by GD no. 457 of 04.05.2011, with subsequent amendments, Higher Education Law no. 199/2023, with subsequent amendments and the Methodology for the occupation of teaching and research positions of the "Constantin Brâncuși" University of Târgu Jiu approved in the Senate meeting of 27.10.2022.
List of documents	In order to register for the competition for a teaching position, the candidate prepares a file containing the following documents: A1. The application to register for the competition, signed by the candidate accompanied by a declaration on his own responsibility regarding the veracity of the information presented in the file; A2. The proposal for the development of the candidate's university career , both from a didactic point of view and from the point of view of scientific research activities; the proposal is drawn up by the candidate, it contains a maximum of 10 pages and is one of the main criteria for deciding the candidates; A3. Curriculum vitae of the candidate in printed format (in the original, signed on each page) and in electronic format which must include information on: studies completed and diplomas obtained; professional experience and relevant jobs; information about the research and development projects that they led as project director or in which they were active as a member, indicating themselves for each funding source; information about awards or other recognition elements of the candidate's scientific contributions; A4. Candidate's list of works in printed format (in original, signed on each page). The complete list of the candidate's works will be structured as follows: the list of the maximum 10 works considered by the candidate to be the most relevant to their own professional achievements, which are included in electronic format in the file and which can also be found in the other categories of works provided in the candidate's complete list of works; doctoral thesis or theses; patents and other industrial and intellectual property titles; books and book chapters; articles / studies published in journals from the main international scientific stream; publications in extenso, appearing in works of the main international specialized conferences;

	other scientific works and contributions or, as the case may be, from the field of artistic creation; A5. The check sheet for meeting the specific standards of the position, completed and signed by the candidate, in printed format (in the original, signed on each page); A6. Documents related to the possession of the doctor's degree (the legalized copy of the doctor's degree and, in case the original doctor's degree is not recognized in Romania, the certificate of its recognition or equivalence, in a legalized copy, or the copy according to the Minister's Order confirming the granting of the doctor's degree); A7. The summary of the doctoral thesis in Romanian and in an international language (maximum one page for each language); A8. Other diplomas attesting to the candidate's studies: copies of other diplomas attesting to the candidate's studies (baccalaureate diploma, bachelor's degree, master's/in-depth studies, the certificate attesting the psycho-pedagogical training) or, in case the original diplomas are not recognized in Romania, recognition certificates or their equivalence; copies of other diplomas attesting to the candidate's studies. The copies are signed by the candidate for certification "in accordance with the original"; A9. Transcripts, diploma supplements or school records issued for each study cycle; A10. Copy of the identity card; A11. Copies of documents certifying the name change , if applicable (marriage certificate or proof of name change); A12. Declaration on the candidate's own responsibility that they are not in any situation of incompatibility provided for in Higher Education Law no. 199/2023 and the Framework Methodology issued at the national level; A13. Medical certificate showing that they are fit to carry out teaching activity; A14. List of references with their contact details (for the positions of university lecturer, university professor): at least 3 personalities in the respective field from the country or abroad, external to UCB, who have agreed to prepare letters of recommendation regarding the candidate's professional qualities ; A15. Copy of the Minister's order regarding the conferment of the doctoral supervisor qualification , or as the case may be, the copy of the qualification certificate (only for the position of professor/CS I); A16. Declaration of assumption of responsibility , in the original (holograph) signed by the candidate (the declaration must state the correctness of the data in the file and the fact that they refer to their own activities and achievements, otherwise the candidate bears the consequences of false statements, in accordance with the legislation in force); A17. The map containing a maximum of ten of the works considered the most significant of the candidate , in scanned form on electronic media (CD). In addition, the electronic support will also include the list of works of the candidate cf. A4 in word format. A18. The document for payment of the competition registration fee .
The address where the tender file is sent	"Constantin Brâncuși" University from Târgu-Jiu, Str. Unions, no. 36, Târgu-Jiu, Gorj county
Committee	
Methodology	Files with the extension doc, docx or PDF are uploaded. The maximum supported file size is 10MB.

Decan,
Stegăroiu Carina Elena

Director departament,
Căruntu Genu Alexandru