



JOB TITLE: PROFESSOR / ASSOCIATED PROFESSOR / PhD. IN MATHEMATICS

CLOSING DATE: OPEN UNTIL FILLED

STARTING DATE: AS SOON AS POSSIBLE

About Western Balkans University

Western Balkans University (WBU) is a higher education institution in Tirana (Albania), with a special focus on Medicine, Medical Sciences, Technology, Economics, and Innovation. WBU is organized and operates as a private university, of academic and scientific character, offering first, second, and third-cycle study programs.

The university runs under a special framework of cooperation with “American Hospitals Group” and “International Hospital (formerly known as Hygeia Hospital -Tirana)”. The close partnership with these hospitals is a strong indicator of the scale of ambition of the institution. The WBU aims to be among the leading universities in Southeast Europe and to attract the best students by offering high-quality education that prepares students for the modern international labour market.



Vision

To have a transformative impact on society through continual innovation in research, education, creativity, and entrepreneurship.



Mission

To create a transformative educational experience for students focused on deep disciplinary knowledge; problem-solving; leadership, communication, and interpersonal skills; and personal health and well-being.

Background

WBU is creating innovative modern study programs related to economics, business, finance technology, and innovation, the first of its kind in the area, in cooperation with partners from industry and academia. WBU aims to recruit motivated students, produce exceptional graduates,

and create a self-sustaining ecosystem. The Faculty of Economics, Technology, and Innovation delivers research and study programs at the bachelor and master levels. The emphasis for both research and study programs is on economics, innovation, digitalization, information technology, and health management. Information science, Artificial Intelligence, information systems, and the interaction between technology and human beings are other exciting focus areas.

Purpose of the role

The post holder will mainly work the role of a mathematics professor serving the purpose of educating and inspiring students, advancing mathematical knowledge through research and scholarship, promoting innovation in teaching and curriculum development, and contributing to the academic community and society at large.

The post holder will provide effective leadership of the curricular theme across the years of the existing and new study programs offered by the Faculty of Economics, Technology, and Innovation at WBU. This will include the development, delivery, and assessment of curricular content, ensuring alignment with the intended learning outcomes of the mathematics course, and the provision of a modern spiraled, and integrated curriculum. Through their expertise, passion, and dedication, mathematics professors shape the future of mathematics and inspire the next generation of mathematicians, researchers, educators, and problem solvers. The post holder will conduct and/or contribute to relevant scholarly activity and may be required to carry out other activities to support and enhance the delivery of mathematical-related courses, as agreed with their line manager.

The main duties will include:

Teaching and Learning:

As a mathematics professor, the teaching and learning duties encompass a wide range of responsibilities aimed at providing a comprehensive and effective learning experience for your students. These duties include:

1. Planning topics to teach: responsible for designing and planning the structure of the course, outlining the topics to be covered, and developing a clear progression of concepts.

2. Delivering lectures to present mathematical theories, principles, and problem-solving techniques to your students.
3. Encouraging active participation and engagement in the classroom to promote critical thinking, collaboration, and the application of mathematical concepts.
4. Providing guidance, support, and assistance to students in understanding complex mathematical concepts and theories. You offer guidance and support during office hours or through email to address their questions, clarify doubts, and provide additional explanations when needed. You may also provide feedback on assignments, projects, and exams to help students improve their understanding and performance.
5. Developing teaching materials such as lecture notes, handouts, and visual aids to enhance student learning. These materials may include examples, illustrations, and real-world applications to make the mathematical concepts more relatable and understandable.
6. Incorporating technology into teaching practices can enhance the learning experience. May utilize mathematical software, online platforms, and educational tools to facilitate interactive demonstrations, simulations, and collaborative problem-solving activities.
7. Provide mentoring, career paths, and advise students to pursue mathematics or related fields.
8. Attending conferences, engaging in professional organizations, and participating in workshops and seminars contribute to your continuous professional development and enhance your teaching methodologies.
9. Reflect on student engagement and performance and respond accordingly.
10. Provide reports as needed for accreditation in relevant curriculum areas.

Research and Scholarship

1. Engage in the relevant subject, professional, pedagogic, or practitioner research and other scholarly activities, either individually or collaboratively.
2. As appropriate, share, present, and publish scholarly findings related to the design, implementation, assessment, and evaluation of the study programs curriculum offered by the Faculty of Economics, Technology, and Innovation.

3. Apply knowledge acquired from scholarship and/or research to teaching and learning at local, national, or international levels, and to the development of evidence-based educational resources.
4. Contribute to the development of departmental and subject teaching and learning strategies.
5. Identify and lead/contribute to cross-curriculum projects.
6. Identify sources of funding for scholarly activities.
7. Develop and supervise student research projects.

Administration and Other Activities

1. Attend relevant team and departmental meetings and participate (where required) in other committees and working groups within the university.
2. Provide leadership to those working within relevant areas.
3. Contribute to the efficient management and administration of the study programs offered, by performing allocated administrative duties and by taking on appropriate Departmental responsibilities.
4. Develop individuals and teams through the appraisal system (e.g., as line manager) and by the provision of advice on personal development.
5. Act as a mentor to peers and colleagues.
6. Ensure compliance with health and safety regulations in all aspects of work.
7. Assist the Dean of Students in supporting students and resolving student issues.
8. Work collaboratively with the administrative office staff to ensure timely communication with faculty and other staff members.

The duties and responsibilities listed here are not exhaustive but provide guidance on the main aspects of the job. The post holder will be required to be flexible in their duties.

Role details

Salary	As decided
Hours/contract	Full time contract
Grade	At least Ph.D. or Associated Professor with specialization in a relevant discipline

Academic Program	Programs related to the department of Technology and Business
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Requirements

	Essential	Desirable
Ph.D. in a relevant discipline or equivalent experience (e.g., calculus, numerical analysis, discrete mathematics, econometrics).	x	
Qualification in teaching and learning in higher education (e.g., degree, postgraduate certificate, or recognition against a professional standards framework).		x
Ability to lead and develop teaching and learning within mathematical courses.	x	
Evidence of success in leading education (e.g., institutional, national, or international review or award).	x	
In-depth knowledge of teaching and learning areas to enable its development and delivery within a modern course.	x	
Ability to use and apply a range of evidence-based educational strategies and techniques to engage learners and promote learning.	x	
Ability to develop innovative teaching and learning opportunities that utilize modern technologies.		x
Experience in supporting assessment development and delivery.		x
Evidence of relevant continuous professional development.	x	
Track record of relevant scholarly activity.	x	
Experience working in a complex and changing environment.	x	
Working collaboratively with external stakeholders.		x
Aware of regional policies in higher education and/or relevant to ensuring university compliance.		x
Understanding of equal opportunity and diversity-related issues, their impact on education, and strategies for mitigation.		x

Information about the study programs

Mathematics is the core course for the study programs offered by the Faculty of Economics, Technology, and Innovation. With a number of 9 bachelor's degrees and 2 masters of sciences, the faculty is promoting and designing competitive and innovative curricula in the region.

- Bachelor in Computer Science and Artificial Intelligence
- Bachelor in Biotechnology
- Bachelor in Biomedical Engineering
- Bachelor in Health Care Management
- Bachelor in Business and Technology
- Bachelor in Finance and Technology
- Bachelor in Economics and Data Science
- Bachelor in Software Engineering
- Bachelor in Cybersecurity
- Master of Science in Hospital Management
- Master of Science in Nanotechnology and Nanoscience

Terms of Appointment

The successful candidate will be joining a new and developing academic program and team which incorporates research and teaching responsibilities. The position provides the opportunity to work with a diverse and friendly community within excellent facilities, and the opportunity to collaborate with partners, private sector companies, and healthcare providers.

The position is offered by Western Balkans University (address Tirana- Dures highway, Km.7, Tirana, Albania), which is an equal opportunity institution that promotes and supports professional growth and development also in the framework of scientific research that is internationally excellent and leads to high-impact publications.

Working hours and schedule as decided in between parties can be considered.

How to Apply

The candidate must submit electronically or in hard copy version of the following documents:

For the application phase

1. Application through the Western Balkans University website
2. Letter of motivation
3. Details about two referees

Before the interview if the candidate is notified the following documents should be submitted via email at hr@wbu.edu.al.

1. Photocopies of diplomas and lists of grades of university/specialization studies of all cycles of the candidate (If the candidate has completed studies abroad, the relevant degree recognition document in the Republic of Albania will be required prior to start working)
2. Photocopy of the identity card/passport
3. Photocopies of evidence/diplomas/attestations of the academic grades/titles
4. Photocopies of conference certificates (if any)
5. Photocopies of publication`s cover page (if any)

If the candidate is qualified to start the position the following documents are needed to be submitted:

- Notarized copies of all the documentation required for the interview phase
- Medical report on workability
- Evidence/self-declaration of judicial status
- Two reference letters
- Any other document that supports the fulfillment of the criteria
- One 4 x 6 photo

APPLICATION PROCEDURE

- The application can be done through the website <https://wbu.edu.al/en/vacancy>
- The documents shall be submitted during the application or electronically to the *e-mail address: hr@wbu.edu.al* within the determined deadline.
- The selection of the qualified candidates is conducted based on two stages: personal documentation file review and the interview if the candidates is notified.

- Notification of the decision of the recruitment commission to the candidates shall be done through the official e-mail of the university to the candidate's e-mail address (as declared in the application phase).

Job vacancy

Discipline: Mathematics

Position: Professor / Associate Professor / Ph.D.

Apply until 10.07.2023 at 23:59 CET

Western Balkans University is a new and promising higher education institution in Tirana, with full English education and a special focus on Economics, Technology and Innovation.

ASSIGNMENT

This position is situated in the Department of Technology and Business of the Faculty of Economics, Technology and Innovation. The appointment includes teaching, research, and service assignment.

Academic education

You contribute to teaching in the bachelor and master programs in the Faculty of Economics, Technology and Innovation. You teach different courses in the programs including practical courses. You also supervise bachelor's and master's theses within the faculty. The assignment can evolve according to needs and changes.

Academic Research

You research your area of interest and study more specifically, in collaboration with department you will develop research on your topic of interest and study.

Academic services

You take part in the Department of Technology and Business with internal and external service provision, amongst others by translating the results of your research to the broader public.

During your career, you are willing to include roles and management positions that are relevant to the department and/or faculty.

PROFILE

Experience

- You have the academic title of PhD in the field of Mathematics, Mathematics Science, Mathematical Engineering or relevant sciences.
- You are capable to conduct research and teach in English;
- You have already conducted eminent academic research in the given discipline, which is reflected in publications in high-quality academic journals and peer-reviewed books;
- You are capable of initiating, supervising, and acquiring the necessary funding for academic research;
- You are didactically skilled to teach university students to develop academic competencies;

APPLICATION PROCEDURE

Candidates interested in applying for the above position should apply by sending a Curriculum Vitae and a motivation letter to hr@wbu.edu.al.

Only persons who meet the criteria set out above will be contacted.