

## Assistant Professor in Biomedical Engineering Nazarbayev University

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Posted Jun. 12, 2024, set to expire Oct. 12, 2024

**Job Title** Assistant Professor in Biomedical Engineering

**Department** SCHOOL OF ENGINEERING AND DIGITAL SCIENCES

**Institution** Nazarbayev University  
Astana, Kazakhstan, Kazakhstan

**Date Posted** Jun. 12, 2024

**Application** Open until filled

**Deadline**

**Position Start** Jan. 1, 2025

**Date**

**Job** Assistant Professor

**Categories**

**Academic** Chemical/Petroleum

**Field(s)**

Bioengineering (all Bio-related fields)

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**Job**  
**Description**

### Company Description

Nazarbayev University is a modern and rapidly developing university located in the heart of Eurasia – Astana, the capital of the Republic of Kazakhstan. Nazarbayev University (NU) was founded by the first President of the Republic of Kazakhstan Nursultan Nazarbayev. The University aims to develop into a

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research university of international renown combining education, research, and innovation. Nazarbayev University educates the next generation of leaders of the Republic of Kazakhstan in science, public administration and various professions, thus contributing to the future development of the country. Core features of Nazarbayev University include academic freedom and institutional autonomy, both legally enshrined as Nazarbayev University operates under a special Law; predominantly internationally recruited faculty, English as the language of instruction and research; entirely merit-based admission and progression system; and integrated teaching and research starting at the undergraduate level.

**VISION:** To give Kazakhstan and the world the scientists, academics, managers and entrepreneurs they need to prosper and develop.

**MISSION:** To be a model for higher education reform and modern research in Kazakhstan and to contribute to the establishment of Astana as an international innovation and knowledge hub. The NU campus is located in Astana, the capital of Kazakhstan, in the heart of the new and ultra-modern Left-Bank region of the city. Incoming faculty will enjoy a cosmopolitan living experience, interwoven with traditional cultural influences in food and entertainment. The social life offers a rich and vibrant atmosphere with excellent clubs and restaurants, theatre, music, opera, dancing, museums, modern and traditional bazaar shopping, professional and amateur sports, outdoor recreation, and much more.

### **Job Description**

The School of Engineering and Digital Sciences at Nazarbayev University is seeking candidates for the role of Assistant Professor in Biomedical Engineering, specializing in areas such as neuroengineering, neuroimaging, and the development of implantable or wearable neuro devices. This position is located within the Department of Chemical and Materials Engineering and is scheduled to commence in August 2024. We seek candidates with a commitment to excellence in both research and teaching. Post-doc experience is highly desirable. The selected candidate is expected to cover courses for the Bachelor of Engineering in Chemical and Materials Engineering Program, and the Master of Science in Biomedical Engineering Program, starting from the Fall 2024 semester. The Department of Chemical and Materials Engineering has graduated its first UG class in 2015 and has recently moved into brand new 2000 m<sup>2</sup> facilities and state of the art laboratories. The Department offers Bachelors, MSc and PhD programs, and attracts some of the best students in Kazakhstan. Areas of research activity include Chemical Engineering, Advanced Materials Engineering, Materials and Systems for Energy Generation, Conversion and Storage; Environmental Protection, Remediation and Resource Efficiency; Risk Analysis, Aerosol and Climate Sciences; Multiscale Materials Modelling and Processing and Biomedical Engineering. Since Fall 2018, the Department had adopted ABET-compliant undergraduate

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course of study and two new MSc programs, one in Chemical and Materials Engineering and the other in Biomedical Engineering, both of which are research-intensive and span a duration of two years.

### Qualifications

A bachelor/diploma in Chemical Engineering and a PhD or equivalent degree in Biomedical Engineering or a closely related field are required for this position. Applicants are expected to have publications in top ranked journals in the areas of their expertise and experience in pursuing and obtaining research funding.

### Additional Information

What we offer:

- Competitive salary and 2-course teaching load per semester
- Generous research time
- Research seed grants and other competitive research funding opportunities
- Selected conference and travel funding
- International health insurance
- Expatriate benefits (rent-free housing, home travel (two per annum), child educational allowance, assistance for relocation expenses including air fares for the appointee and dependents)
- Paid home leave of 56 days per annum
- Initial appointment is on a 3-year renewable contract and subsequent appointments can be 5-year/3-year renewable subject to annual performance reviews.

Application Information: Applicants should send a detailed CV with references, teaching and research statements, and list of publications. Applications will be reviewed until the position is filled. Note that only shortlisted candidates will be notified.

Please use the following link to apply for a position:

<https://jobs.smartrecruiters.com/NazarbayevUniversity1/743999941299669-assistant-professor-in-biomedical-engineering>

Only candidates who have applied through this link will be considered.

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Incomplete applications will not be considered for review. ?

For any inquiries related to the application, please contact the Department Chair, Prof. Stavros Pouloupoulos, at [stavros.pouloupoulos@nu.edu.kz](mailto:stavros.pouloupoulos@nu.edu.kz).

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

Kazakhstan