

Semmelweis University

announces a position within the

Institute of Biostatistics and Network Science

for the post of **Associate Professor (University Lecturer)**.

Duration of employment:

indefinite term

Type of employment:

full-time

Place of work:

H-1085 Budapest, 22 Baross Street, and the operational area of Semmelweis University within Budapest.

Key responsibilities of the position:

Participation in teaching, educational, and research activities (e.g. leading practical sessions, delivering lectures, supervising undergraduate research (TDK) and PhD work, and professional training), in particular:

- providing methodological support for data-intensive biomedical and health sciences research requiring high-level data science approaches, with a special focus on applications of computer vision, natural language processing, predictive analytics, artificial intelligence, and network science;
- conducting research in biostatistics, data science, and network science using the extensive data resources of Semmelweis University as well as independently collected data;
- preparing research reports, documentation, and scientific publications; contributing to the dissemination of research results and delivering conference presentations;
- participating in the development of curricula and teaching materials in the field of health data science, as well as in the delivery of related courses;
- collaborating with internal and external partners and participating in in-person and online meetings;
- mentoring and supervising students and early-career researchers.

Application requirements:

- Master's degree and relevant professional qualification;
- Possession of a scientific degree, which may include:
 - a PhD (doctoral degree),
 - Candidate of Sciences (CSc),
 - Doctor of Sciences (DSc),
 - or a scientific degree obtained abroad and duly recognized or accredited;
- Ability to deliver lectures and lead practical sessions in English;
- At least 10 years of documented experience in undergraduate and/or postgraduate teaching;
- Ability to supervise and guide the scientific and professional work of students, PhD candidates, and teaching assistants;
- Demonstrates exemplary and role-model behaviour for students, PhD candidates, and colleagues;
- Outstanding performance in at least one of the following areas within their field: teaching or scientific research;

- Clean criminal record and full legal capacity.

Additional requirements beyond the general application criteria:

- PhD degree in a quantitative field (e.g., applied mathematics, statistics, computer science, or physics);
- Active, proficient command of English suitable for professional communication;
- Advanced knowledge of the Python programming language;
- Knowledge of statistical and machine learning methods, with practical experience in their application;
- Interest in health sciences and biomedical research;
- Experience in university-level teaching;
- Accurate and precise work ethic;
- Results-oriented mindset;
- Ability to effectively manage multiple tasks in parallel.

Advantages in the evaluation of the application:

- Knowledge of computer vision and natural language processing (NLP) methods, with practical experience in their application;
- Knowledge of advanced statistical methods (e.g. survival analysis, meta-analysis, epidemiological models, Bayesian statistics) and experience in their application;
- Advanced knowledge of the R programming language.

Documents and certificates to be submitted as part of the application:

- Application statement referring to the position announced;
- Professional (academic) CV;
- Questionnaire required for the evaluation of associate professor applications, available on the <https://semmelweis.hu/human/nyomtatvanyok/palyazat/> website;
- Official certificate of good conduct (criminal record check) issued no more than three months prior;
- Copy of degree certificate(s);
- Copy of specialist exam certificate (if required);
- Copy of certificate verifying scientific degree;
- Copy of language certificate(s);
- Declaration of consent allowing the University's committees and bodies, as defined in the Organizational and Operational Regulations, to review the application materials (available at: <https://semmelweis.hu/human/nyomtatvanyok/palyazat/>);
- Publication list and scientometric table accessible from the MTMT system. (The scientometric table and list of publications must be certified by the Central Library of Semmelweis University. Certification by the Central Library takes 10 working days. Please take this into account to meet the application submission deadline. Further information: <https://lib.semmelweis.hu/publist-hitelesites/>);
- To verify compliance with application requirements, in the case of degrees or certificates obtained abroad, their official recognition, nostrification, or equivalency assessment is required. Along with the original document, the recognized/nostrified/equivalency-certified document must also be submitted, or at minimum proof that the recognition procedure has been initiated by the deadline specified in the call. If proof of initiation is submitted on time, the recognized/nostrified/equivalency-certified document must be submitted within 60 days after the application deadline at the latest.

Starting date of employment:

The position can be filled at the earliest immediately after the evaluation of applications.

Application deadline:..... 2026 JUN 17.

Method of application submission:

Applications should be submitted electronically to János Márczi at the following email address:
marczy.janos@semmelweis.hu

Deadline for evaluation of applications:

August 31, 2026

Place and date of publication of the call for applications:

<https://semmelweis.hu/human/category/karrier/oktato-kutato/> – 2026 JÚN 18.

Additional important information about the employer:

The probation period is 3 months. Please indicate the reference number in your application.

Reference number: 49717/KEEGF/2026.

Further information about the employer is available at: <http://semmelweis.hu/>

The employer reserves the right to withdraw the call and to declare the application procedure unsuccessful.

2026 JÚN. 11
Budapest, 2026.....



Prof. Dr. Béla Merkely
rector

