



Ministerul Educației
Universitatea Națională de Știință și Tehnologie
POLITEHNICA București

Formular de publicare a posturilor didactice în platforma *Euraxess*

v. 4 octombrie 2023

Vă mulțumim anticipat pentru completarea corectă și integrală a acestui formular. Respectarea în totalitate a indicațiilor din fiecare secțiune/rubrică ne ajută ca anunțurile să fie publicate la timp, fără a fi nevoie de reveniri, corecturi, clarificări sau modificări.

Dvs. veți înlocui textul ce în prezent are culoarea gri cu informațiile specifice poziției scoase la concurs. Textul pe care îl adăugați dvs. este obligatoriu să fie integral de culoare **neagră**, Arial regular de 11 puncte. Vă recomandăm (1) să nu folosiți ghilimele, doar caractere *cursive/italic* sau **aldine/bold** și (2) evitarea numerotării sau listelor automate.

Rubricile marcate cu **albastru** sunt obligatorii.

Conținutul furnizat de către dvs. este încărcat manual, secțiune cu secțiune (și uneori enunț cu enunț). Din acest motiv este **foarte** importantă respectarea indicațiilor de mai sus.

Pentru orice întrebări sau neclarități, vă încurajăm să ne contactați la euraxess@upb.ro.

Vă mulțumim!



HR EXCELLENCE IN RESEARCH

I. Basic information

Title	Şef de lucrări, position 25
Offer description	<p><i>The Faculty of Engineering in Foreign Languages was created in 2002 by transforming the Department of Engineering Sciences (started in 1990) into a faculty of the University POLITEHNICA of Bucharest, former name of the National University of Science and Technology POLITEHNICA Bucharest.</i></p> <p><i>The individuality of this faculty is given by the fact that engineering education is given in one of the foreign languages: English, French and German. For more information, the website of the faculty is at http://ing.pub.ro/.</i></p> <p><i>The Department of Engineering in Foreign Languages represents the technical department of the faculty. It is made by around 20 academic personnel with competences in engineering and in at least one of the languages English, French and German. There are included two lecturers sent by the French and German states. For more information, the website of the department is at http://dils.pub.ro/.</i></p> <p><i>The organizational chart of the department is the list of the subject components covered by the members of the department and by external professionals, where the department is responsible for the delivery of the topics and for quality of the learning.</i></p> <p><i>The position 25 is Lecturer in the domain of Computers and Information Technology and covers the subjects:</i></p> <ul style="list-style-type: none"> <i>• Computer Programming and Programming Languages 2 (Course, Laboratory)</i> <i>• Bioinformatics (Course, Laboratory)</i> <p><i>The position includes disciplines from the domain of Computers and Information Technology, pursuing the current topic of Computer Engineering. The subjects are given in English.</i></p> <p>APPLICATION Before applying, all candidates are invited to read carefully the UPB's Methodology for occupying didactic and research positions: https://posturivacante.upb.ro/wp-content/uploads/2022/09/Methodology-for-occupyng-vacant-didactic-and-research-positions-2022.pdf</p>
Research field	Engineering COMPUTER SCIENCE, Informatics; ENGINEERING, Computer engineering, Biomedical engineering; BIOLOGICAL SCIENCES, Biological engineering, Genetics CHEMISTRY, Biochemistry

Is the job funded through a EU Research Framework Programme?*

Click pentru a selecta o opțiune.

No

Where to apply

floarea.dragomir@upb.ro

II. Hiring information and work location

Department	Department of Engineering in Foreign Languages
Contact person e-mail	dilsupb@gmail.com
Contact person phone number	+40 21 402 96 06
Department/Centre website	http:// dils.upb.ro/
Faculty	Inginerie în Limbi Straine
Geolocalizare	Va fi completată de către biroul Euraxess, în funcție de adresa facultății/departamentului.

III. Requirements

Required education level	Click pentru a selecta domeniul COMPUTER SCIENCE, Informatics; ENGINEERING, Computer engineering, Biomedical engineering; BIOLOGICAL SCIENCES, Biological engineering, Genetics CHEMISTRY, Biochemistry; Ph.D. or equivalent
Skills/Qualifications	<i>The position implies solid knowledge in the fields of Computers and Information Technology, starting with basic subjects like Computer Programming, Data Structures, Algorithms.</i> <i>Bioinformatics is a mandatory field, with both algorithm skills (dynamic programming) and biology/genetics skills.</i>
Specific requirements	
Required languages	1. English Excellent 2..... Click pentru a selecta nivelul de limbă 3..... Click pentru a selecta nivelul de limbă
Required research experience	Click pentru a selecta domeniul COMPUTER SCIENCE, Informatics; ENGINEERING, Computer engineering, Biomedical engineering; BIOLOGICAL SCIENCES, Biological engineering, Genetics

	CHEMISTRY, Biochemistry 4-10
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IV. Additional information

Această secțiune este opțională.

Additional comments	<p><i>The candidates for this position must comply with the minimum required and mandatory standards to award teaching positions in higher education, as stated in the Order of the Minister of National Education and Scientific Research no. 6129/2016.</i></p> <p><i>Also, the minimum conditions from the methodology regarding the employment of vacancy teaching and research position in UPB must be met (https://posturivacante.upb.ro/legislatie/)</i></p>
Benefits	All academic staff at NUSTPB enjoy several benefits, such as training and professional development opportunities, holiday leave, accommodation in NUSTPB residences, banking facilities, access to research infrastructure, and software for remote working.
Eligibility criteria	
Selection process	Biroul Euraxess va completa calendarul de concurs în formă sintetică.

V. ANEXA: Lista subdomeniilor de cercetare.

Este obligatoriu ca subdomeniile să corespundă unui domeniu de studii specific postului scos la concurs, iar acest domeniu să fie relaționat în mod explicit cu disciplinele din fișa postului.

Agricultural Sciences

Agricultural products
Agronomics
Enology
Forest sciences
Phytotechny
Soil science
Temperate agriculture
Tropical agriculture
Zootechnics

Anthropology

Communication anthropology
Cultural anthropology
Ethnology
Medical anthropology
Physical ontology
Social anthropology

Architecture

Design
Landscape architecture
Naval architecture

Arts

Arts management
Fashions study
Fine art
Handicrafts
Performing arts
Visual arts

Astronomy

Astrophysics
Cosmology

Biological Sciences

Biodiversity
Biological engineering
Biology

Botany
Laboratory animal sciences
Nutritional sciences
Zoology

Chemistry

Analytical chemistry
Biochemistry
Applied chemistry
Combinatorial chemistry
Computational chemistry
Heterogeneous catalysis
Homogeneous catalysis
Inorganic chemistry
Instrumental analysis
Instrumental techniques
Molecular chemistry
Organic chemistry
Physical chemistry
Reaction mechanism and dynamics
Solar chemistry
Structural chemistry

Communication sciences

Audio-visual communication
Business communication
Editing
Graphic communication
Journalism
Media studies
Online communication
Information Services
Public relations
Publishing
Science communication
Speech communication

Computer science

3D modelling
Autonomic computing
Computer architecture
Computer hardware
Computer systems
Cybernetics
Database management
Digital systems
Informatics
Modelling tools

Programming
System design

Criminology

Cultural studies

Demography

Economics

Administrative sciences
Agricultural economics
Applied economics
Banking
Business economics
Cadastral survey
Commercial economics
Construction economics
Consumer economics
Cyclical economics
Econometrics
Economic policy
Economic systems
Economic theory
Economics of development
Environmental economics
Financial sciences
Fishery economics
Food economics
Health economics
Home economics
Industrial economics
International economics
Knowledge economy
Labour economics
Labour market economics
Land economy
Local public economics
Microeconomics
Management studies
Marketing
Macroeconomics
Political economy
Production economics
Social economics
Tourism studies
Transport economics
Valuation
Veterinary economics

Education sciences

Education

Learning studies
Research methodology
Teaching methods

Engineering

Aerospace engineering
Agricultural engineering
Biomaterial engineering
Biomedical engineering
Chemical engineering
Civil engineering
Communication engineering
Computer engineering
Control engineering
Design engineering
Electrical engineering
Electronic engineering
Geological engineering
Industrial engineering
Knowledge engineering
Maritime engineering
Materials engineering
Mechanical engineering
Microengineering
Nuclear engineering
Precision engineering
Process engineering
Project engineering
Simulation engineering
Sound engineering
Surveying
Systems engineering
Thermal engineering
Water resources engineering

Environmental science

Earth science
Ecology
Global change
Natural resources management
Water science

Ethics

Geography

Cartography
Economic geography
Geopolitics
Historical geography
Human geography
Social geography

Regional geography

Geosciences

Geology

Hydrology

History

Ancient history

Archaeology

Art history

Church history

Contemporary history

Economic history

Genealogy

Heraldry

History of agriculture

History of design

History of law

History of performance

History of philosophy

History of religions

History of science

History of social sciences

Local history

Mediaeval history

Modern history

Music history

Numismatics

Palaeography

Political history

Sigillography

Social history

Information science

Archivists

Diplomatics

Documentation

Information management

Library science

Juridical sciences

Agrarian law

Canon law

Comparative law

Criminal law

Environmental law

European law

Finance law

Fiscal law
Health law
Informatic law
International law
Judicial law
Juvenile law
Labour law
Media law
Medical law
Private law
Public law
Roman law
Social law
Transportation law

Language sciences

Language
Linguistic
Philology

Literature

African literature
American literature
Asian literature
Austronesian literature
Comparative literature
European literature
Greek literature
Hamito-Semitic literature
Literary criticism
Writing

Management sciences

Technology

Biochemical technology
Energy technology
Environmental technology
Future technology
Electrical technology
Dating techniques technology
Communication technology
Computer technology
Construction technology
Graphic technology
High vacuum technology
Space technology
Standardisation of technology

Telecommunications technology
Sound technology
Safety technology
Production technology
Quantum technology
Remote sensing
Transport technology
Vacuum technology
Water technology
Pharmaceutical technology
Knowledge technology
Laboratory technology
Marine technology
Internet technology
Interface technology
Industrial technology
Information technology
Instrumentation technology
Materials technology
Measurement technology
Nuclear technology
Optronics
Medical technology
Military technology
Micro-technology

Neurosciences

Neurology
Neurophysiology
Neuropsychology
Neuroinformatics
Neurochemistry
Neurobiology

Pharmacological sciences

Clinical pharmacology
Cosmetology
Pharmacognosy
Pharmacy
Toxicology
Veterinary pharmacology

Mathematics

Combinatorial analyses
Computational mathematics
Discrete mathematics
Chaos theory
Applied mathematics
Algebra algorithms

Mathematical analysis
Statistics
Probability
Mathematical
Logic
Number theory

Philosophy

Ethics
Metaphysics
Aesthetics
Logic
Epistemology
Phenomenology
Philosophy of law
Philosophy of science
Semiotics
Systematic philosophy

Medical sciences

Cancer research
Epidemiology
Health sciences
Veterinary medicine
Medicine

Political science

Science and society
Policy studies
Public awareness of science
Public policy
Governance

Physics

Crystal grows
Quantum mechanics
Relativity
Solid-state physics
Optics
Neutral physics
Electronics
Mathematical physics
Metrology statics
Statistical physics
Surface physics
Thermodynamics
Electromagnetism
Condensate matter properties

Acoustics
Classical mechanics
Computational physics
Chemical physics
Biophysics
Applied physics