



Ministerul Educației
Universitatea Națională de Știință și Tehnologie
POLITEHNICA București

**Formular de publicare a posturilor didactice
în platforma *Euraxess***

v. 22 februarie 2024

Vă mulțumim anticipat pentru completarea corectă și integrală a acestui formular, care este aproape identic celui online.

Vă rugăm să parcurgeți instrucțiunile de mai sus și indicațiile de completare marcate cu gri în paginile următoare. Respectarea în totalitate a indicațiilor din preambul și din fiecare secțiune/rubrică ne ajută ca anunțurile să fie publicate la timp, fără să mai fie nevoie de reveniri, corecturi, clarificări sau modificări.

Înainte de a ne transmite formularul/formularele dvs., vă rugăm să vă asigurați că:

1. Ați înlocuit tot textul ce în prezent are culoarea gri cu informațiile specifice poziției scoase la concurs.
2. Textul pe care îl completați dvs. este de culoare neagră, Arial regular, de 11 puncte.
3. Conținutul formularului este text fără (a) liste automate cu litere sau cifre și fără (b) ghilimele, evidențierile sunt realizate doar prin *cursive/italic* sau **aldine/bold**.
4. Toate rubricile din stânga marcate cu **albastru** cu fundal gri (obligatorii) conțin informațiile solicitate.
5. Ați selectat opțiunea corectă acolo unde este meniu *drop-down* (*click pentru....*).
6. Este de fiecare dată menționată corect denumirea actuală în limba engleză a instituției noastre: National University of Science and Technology POLITEHNICA Bucharest (NUSTPB).
7. Toate informațiile furnizate, cu excepția titlului postului, sunt în limba engleză.

Conținutul furnizat de către dvs. îl încărcăm manual, rubrică după rubrică, uneori enunț cu enunț. Din acest motiv este foarte importantă respectarea tuturor indicațiilor de mai sus și păstrarea formatărilor documentului.

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

Vă mulțumim!



HR EXCELLENCE IN RESEARCH

I. Basic information

Title	Profesor universitar, <i>position 5</i>
Offer description	<p>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. 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://fils.upb.ro/</p> <p>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.upb.ro/</p> <p>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 the quality of the learning.</p> <p>The position 5 is Professor in the domain of Computers and Information Technology and covers the subjects:</p> <ul style="list-style-type: none">• Data Structures and Algorithms (Course);• Semantic Web (Laboratory);• Programmation des ordinateurs et langages de programmation (Course);• Méthodes et techniques de développement des logiciels (Course). <p>The subjects are given in English and French.</p> <p>APPLICATION</p> <p>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	Computer science, Informatics, Programming Mathematics, Algorithms Engineering , Knowledge engineering, Computer Engineering

Where to apply

floarea.dragomir@upb.ro

II. Hiring information and work location

Department	Engineering in Foreign Languages
Contact person e-mail	dilsupb@gmail.com
Contact person phone number	+40 21 402 96 07

Department/Centre website	https://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	Computer science Ph.D. or equivalent
Skills/Qualifications	The position implies actual knowledge in the fields of Data Structures and Algorithms, Semantic Web, Computer programming and programming languages, Software development methods and techniques. The subjects are important themes for engineering and relevant topics for the study of computer science and information technology.
Specific requirements	
Required languages	1English Excellent 2French Excellent
Required research experience	Computer science mai mult de 10

IV. Additional information

Website for additional job details	
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	
Additional comments	

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 studies
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
Applied chemistry
Biochemistry
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 information Services
Public relations
Publishing
Science communication
Speech communication

Computer science

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

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
Macroeconomics
Management studies
Marketing
Microeconomics
Political economy
Production economics
Social economics
Tourism studies
Transport economics
Valuation
Veterinary economics

Educational 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 X
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

Ethics in health sciences
Ethics in natural sciences
Ethics in physical sciences
Ethics in social sciences

Geography

Cartography
Economic geography
Geopolitics
Historical geography
Human geography

Regional geography
Social 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

Biotechnology
Chemical 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
Nanotechnology
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
Geometry
Mathematical analysis
Statistics
Probability
Mathematical logic
Number theory

Philosophy

Ethics
Metaphysics
Epistemology
Aesthetics
Logic
Philosophical anthropology
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 growth
Quantum mechanics
Relativity
Solid-state physics
Optics
Neutron 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