

Faculty Regulations for Recruitment to the Project
regarding the activities of the Faculty of Computer Science, Bialystok University of Technology

Programme: PROM - Short-term academic exchange - recruitment 2024

Project: PROM – Short-term academic exchange

Project Number: BPI/PRO/2024/1/00021

§ 1

General information

1. The implementation of the PROM project at the Faculty of Computer Science will be carried out using the principles of horizontal policies regarding:
 - a) **accessibility for persons with special needs**, including persons with disabilities and persons in a more difficult situation due to other premises (e.g. persons with low income, foreigners, refugees, etc.);
 - b) **equal opportunities and non-discrimination**, including respect for other persons participating in the programme irrespective of their: sex, race, colour, descent, genetic features, language, religion, beliefs, political or any other opinion, membership of a national minority;
 - c) **equal opportunities for women and men**, including equal treatment of both sexes;
 - d) **principles of sustainable development**, concerning the application of the 'do no significant harm' principle to the environment (DNSH principle) based on the assumption that no activities may worsen the state of the environment and contribute to the escalation of the climate crisis.

§ 2

The scope and subject of support

1. Support includes outgoing and incoming mobility, such as:
 - a) participation in mathematics and IT workshops in Romania or Portugal;
 - b) participation in a conference abroad;
 - c) participation in FUNGITAX workshops (thematic block 'Data analysis based on the forest Internet').
2. The Project Participant receives financial support in accordance with § 7 of the Regulations for organization, recruitment and payment of scholarships and other forms of support under the PROM project.

§ 3

Characteristics of the target group

2. Type of Project Participant:
 - a) student, employee of the Faculty of Computer Science, Bialystok University of Technology;
 - b) doctoral student at the Doctoral School of Bialystok University of Technology;
 - c) a student from a foreign university in the field of science, technology or natural sciences;
 - d) employee from a foreign university.

§ 4

Criteria for qualifying participants for the Project

1. A condition for participation in the recruitment procedure is reading the 'Regulations for organization, recruitment, participation and payment of scholarships and other forms of financial support under the PROM project' and these 'Faculty Regulations for Recruitment to the Project', accepting the conditions and filling in the electronic form available on the website of the Faculty of Computer Science.
2. Eligibility criteria for students going to mathematics and IT workshops and a scientific conference:
 - a) student of the Faculty of Computer Science, Białystok University of Technology,
 - b) at the time of departure, have completed at least one semester of study at Białystok University of Technology,
 - c) at the time of applying for mobility has a minimum average grade of 4.0 (in the case of first-cycle students, the average grade of the first semester is taken into account, in the case of second- and third-year students of first-cycle studies, the average grade from the academic year 2023/2024 is taken into account, in the case of second-cycle students, the average grade from the summer semester of the academic year 2023/2024 is taken into account),
 - d) knowledge of English at the level of at least B2, confirmed by a language exam (interview) or a valid certificate or other document:
 - Matura exam (matura certificate) at the extended level with a percentage marks: 45% and above from the written part,
 - Certificate of completion of a one-year language course at the level of at least B2, issued by a language school;
 - End of course exam at B2 level. Certificate required in Polish from the Foreign Language Centre.
 - FCE certificate
 - CAE Certificate/Certificate in Advanced English/ - /regardless of the grade and date on the certificate
 - TELC certificate
 - UCJ General Language Certificate (B2 level): regardless of the date on the certificate
 - TOEIC Certification (B2 level)
 - e) if there are more applicants than available places, a ranking list will be created based on the average grade. The average grade may be increased by 0.5 points in the case of membership in a Student Scientific Association, which must be confirmed by a certificate signed by the supervisor of the SSA,
 - f) average grades and student status do not require certificates, they will be confirmed in the Dean's Office of the Faculty of Computer Science by the Faculty Expert,
 - g) knowledge of English and membership in Student Scientific Association must be confirmed by a certificate delivered to the Expert of the Faculty of Computer Science, room A117 within the time limit indicated in the recruitment notice.
3. Eligibility criteria for employees of the Faculty of Computer Science, Białystok University of Technology and doctoral students:
 - a) compatibility of the planned activity with the field of technical or exact sciences,
 - b) preparation and presentation of a paper or presentation of a poster at a conference.

4. Eligibility criteria for students from foreign universities:
 - a) a student from a foreign university in the field of science, technology or natural sciences,
 - b) knowledge of the English language as evidenced by a certificate from the university or a transcript of grades,
 - c) delivery of a reference letter from the home university,
 - d) final eligibility for participation in the summer school will be based on submission of proof of purchase of an airline ticket or other means of transport.
5. Eligibility criteria for employees from foreign universities:
 - a) a person holding at least a doctoral degree or an equivalent degree obtained abroad
 - b) providing a reference letter issued by a person holding at least a doctoral degree from a university other than the candidate's home university.

§ 5

Competences acquired as a result of the support

1. Mathematics and IT workshops in Romania or Portugal

Competencies		
Knowledge	W1	Knowledge of methods of popularising mathematics, including the use of multimedia and interactive tools in scientific presentations.
	W2	Knowledge of current trends in research and the possibilities of interdisciplinary applications of mathematics or computer science.
	W3	Understanding of the importance of science popularisation in society and the role of scientists as communicators of science
Skills	U1	Ability to prepare and deliver presentations popularising research findings to different audiences (e.g. students, teachers, non-scientists).
	U2	Ability to create educational materials (e.g. popular science articles, films, posters) in an accessible and visually appealing manner.
	U3	Ability to creatively use experiences from visits to science popularisation institutions (e.g. Science Museum) to develop their own popularisation projects.
Social competencies	K1	Ability to cooperate in diverse, international research teams, taking into account cultural and linguistic differences.
	K2	Ability to have substantive discussions about research with people from outside the scientific community.
	K3	Awareness of the role of mathematics or computer science as a key tool in solving contemporary world problems and of the need to popularise science.
	K4	Responsibility for transferring knowledge in a reliable and ethical manner, taking into account the diversity of the audience.
Criteria for the verification of the learning outcomes		
Learning outcome	Verification criterion	Verification method
W1, W2, W3	The participant knows the methods of popularising mathematics and the importance of interdisciplinary work	Evaluation questionnaire
U1, U2, U3	Participant created and delivered a presentation popularizing science	Supervisor's opinion on the presentation, Evaluation questionnaire
K1, K2, K3, K4	Participant actively engaged in discussions with people from outside the scientific community	Self-assessment included in the evaluation questionnaire

2. Foreign conference

Competencies		
Knowledge	W1	The participant is familiar with current trends and challenges in the field covered by the conference theme.
	W2	Is familiar with the key theories and scientific models discussed by the speakers.

	W3	Understands the research methods presented in scientific presentations and their application in practice.
Skills	U1	Is able to apply the information acquired to solve a specific research or practical problem.
	U2	Is able to develop an abstract or presentation based on conference materials.
	U3	The participant is able to analyse the research results presented at the conference and draw conclusions.
Social competencies	K1	The participant is able to conduct substantive discussions and exchange views with other conference participants.
	K2	Is open to critical remarks and is able to respond to them appropriately.
	K3	Develops scientific and professional networking skills.

Criteria for the verification of the learning outcomes

Learning outcome	Verification criterion	Verification method
W1, W2, W3	The participant is familiar with the key theories and scientific models discussed by the speakers and understands the research methods presented in scientific presentations.	Evaluation questionnaire
U1, U2, U3	The participant has prepared and delivered a scientific presentation	Scientific presentation
K1, K2, K3	The participant has actively participated in discussion sessions and workshops	Evaluation questionnaire

3. FUNGITAX Workshops

Competencies		
Knowledge	W1	Knowledge of pre-processing methods and preparation of data for analysis
	W2	Knowledge of multidimensional data reduction methods
	W3	Knowledge of data classification methods
Skills	U1	Ability to clean data and prepare it for analysis
	U2	Ability to select and apply dimensionality reduction methods to data
	U3	Ability to create a classification model for the analyzed dataset
Social competencies	K1	Ability to cooperate in diverse, international research teams, taking into account cultural and linguistic differences
	K2	Ability to engage in substantive discussions on research topics
	K3	Awareness of the role of data analysis as a key tool in solving contemporary world problems
Criteria for the verification of the learning outcomes		
Learning outcome	Verification criterion	Verification method
W1, W2, W3	The participant knows the basic methods of data analysis	Evaluation questionnaire
U1, U2, U3	The participant has conducted data analysis for a selected dataset	Evaluation questionnaire
K1, K2, K3	The participant has actively participated in the team's work	Self-assessment included in the evaluation questionnaire

§ 6

Methods of verifying the learning outcomes

1. Verification of learning outcomes of all participants will be carried out by the Faculty Evaluation Specialist and will be based on 2 methods:

- Competency tests (CT), completed before and after the mobility, will assess the knowledge-based outcomes (e.g. W1, W2, W3) indicated in the verification tables for each type of support (workshops and conferences),
- The Competence Growth Cards (CGC), completed before and after the mobility, will include an analysis of skills (U1, U2, U3) and social competences (K1, K2, K3), in accordance with the relevant tables.

2. The choice of the method will be made by the Evaluation Specialist (ES) and will be adapted to specific actions and target group whose competencies will be subject to verification.

3. Verification of the learning outcomes of people with disabilities and people with special needs will be tailored to the individual needs of the participants. If necessary, a different method than the one provided above will be prepared and used, e.g. interview, participant's self-assessment, classroom observations. The verification of the effects will include, among others, the possibility of adjusting the time and date of the assessment of the learning outcomes at a later stage, conducting the assessment in different languages, etc.

§ 7

Final provisions

1. Regulations shall enter into force on the date of signature and shall be valid for the entire duration of the Project.