

**FACULTY OF MATHEMATICS AND NATURAL SCIENCES**

Name of the division	Name of the position	Part of FTE	Study field	Required competences and experience
Department of Applied Mathematics	Professor	1,0	G100 Mathematics G300 Statistics	<p><b>Doctor of Science</b> (mathematics).</p> <p><b>Pedagogical experience:</b> Experience of preparation and delivery of the modules of higher mathematics and special modules of mathematics.</p> <p><b>Experience of giving lectures in the English language</b> (at least C1 level of the English language).</p> <p><b>Experience of research activities:</b> Research field – research and application of mathematics. Useful experience of the research work in the area of mathematics or its application, and preparation of methodological tools, experience of writing tender proposals for national and international research projects, and supervision of research projects.</p> <p><b>Experience of supervision of the students' theses:</b> experience of supervision of the Bachelor's and/or Master's theses of (applied) mathematics study programmes.</p> <p><b>Additionally required experience and competences:</b> Membership of the international research networks/organisations, experience of research projects of the international cooperation and cooperation with business. Experience of teaching/internship abroad. Experience of expert-educational-consultation work.</p>
Department of Applied Mathematics	Associate Professor	1,0	G100 Mathematics G300 Statistics	<p><b>Doctor of Science</b> (mathematics or informatics (basic higher education - mathematics) or their equivalent (basic higher education - mathematics)).</p> <p><b>Pedagogical experience:</b> Experience of preparation and teaching of modules of higher mathematics, statistics and data analytics. Useful experience of development of the study programmes.</p> <p><b>Experience of research activities:</b> Experience of research work in the application of mathematics and/or statistics, big data research, project implementation and useful experience of preparation of the methodological tools.</p> <p><b>Experience of supervision of the students' theses:</b> Experience of supervision of the Bachelor's and/or Master's theses of applied mathematics study field, experience of expert-educational-consultation work.</p> <p><b>Additionally required experience and competences:</b> Participation in the management of research networks/organisations. Experience of expert-educational-consultation work.</p>
Department of Applied Mathematics	Associate Professor	1,0	G100 Mathematics G300 Statistics	<p><b>Doctor of Science</b> (mathematics or informatics (basic higher education - mathematics) or technologies (basic higher education - mathematics)).</p> <p><b>Pedagogical experience:</b> Experience of preparation and delivery of modules of higher mathematics, statistics and special modules, experience of teaching of the modules of big data analytics.</p> <p><b>Experience of research activities:</b> Research field – application of mathematics and/or statistics. Useful experience of the research work in the area of application of mathematics, experience of management of the international scientific events, experience of writing project proposals for studies and/or research.</p> <p><b>Additionally required experience and competences:</b> Useful experience of attraction of the third parties' funds for research and/or educational services, project implementation, participation in the international research networks, experience of supervision of the Bachelor's and/or Master's theses of (applied) mathematics study programme. Experience of expert-educational-consultation work.</p> <p>At least C1 level of the English language.</p>

Department of Mathematical Modelling	Associate Professor	1,0	G100 Mathematics G300 Statistics	<p><b>Doctor of Science</b> (mathematics or informatics (basic higher education - mathematics)).</p> <p><b>Pedagogical experience:</b> Experience of preparation and delivery of modules of higher mathematics, experience of teaching of the modules of big data analytics.</p> <p><b>Experience of giving lectures in the English language</b> (at least C1 level of the English language).</p> <p><b>Experience of supervision of the students' theses:</b> Experience of supervision of the Bachelor's and/or Master's theses of (applied) mathematics study programmes.</p> <p><b>Experience of research activities:</b> Experience of research work in the area of application of mathematics. Experience of preparation and/or implementation of the projects of research and/or studies.</p> <p><b>Additionally required experience and competences:</b> Experience of attraction of the third parties' funds for research and/or educational services. Experience of organisation of the international events for research and/or provision of research services, cooperation with business. Experience of teaching/internship abroad. Experience of expert-educational-consultation work.</p>
Department of Mathematical Modelling	Associate Professor	1,0	G100 Mathematics G300 Statistics	<p><b>Doctor of Science</b> (mathematics or social sciences (basic higher education - mathematics)).</p> <p><b>Pedagogical experience:</b> Experience of preparation and delivery of the modules of higher mathematics, didactics of mathematics and special modules of mathematics. Useful experience of development of the study programmes.</p> <p><b>Experience of supervision of the students' theses:</b> Experience of supervision of the Bachelor's and/or Master's theses of applied mathematics study programme.</p> <p><b>Experience of research activities:</b> Experience of research work in the area of didactics of mathematics, experience of preparation of methodological tools. Experience of preparation and/or management of the projects of research and/or studies/education. Experience of management of the international events for research and/or provision of research services.</p> <p><b>Additionally required experience and competences:</b> Experience of attraction of the third parties' funds for research and/or educational services, experience of cooperation with business. Experience of teaching/internship abroad. Expert activities in the international research and/or educational institutions, membership of the international research and/or educational networks. Experience of expert-educational-consultation work. At least C1 level of the English language and another foreign language.</p>
Department of Mathematical Modelling	Lecturer	0,75	G100 Mathematics, G300 Statistics	<p><b>Doctor of Science:</b> completed or current doctoral studies of mathematics or informatics (basic higher education - mathematics).</p> <p><b>Pedagogical experience:</b> Experience of teaching of the modules of higher mathematics and/or special modules of mathematics.</p> <p><b>Experience of giving lectures in the English language</b> (at least C1 level of the English language).</p> <p><b>Experience of research activities:</b> Experience of research work in the area of application of mathematics and publishing of the papers in the indexed scientific publications with impact factor. Experience of implementation of research projects. Participation in the international events for research and/or provision of research services.</p>
Department of Mathematical Modelling	Researcher	0,25	G100 Mathematics, G300 Statistics	<p><b>Doctor of Science</b> (mathematics or informatics (basic higher education - mathematics)).</p> <p><b>Pedagogical experience:</b> Useful experience of the research of applications of mathematics, and their publishing in the indexed scientific publication with impact factor.</p> <p><b>Additionally required experience and competences:</b> Experience of implementation of research projects. Participation in the international events for research and/or provision of research services.</p>

Department of Physics	Associate Professor	1,0	F300 Physics	<p><b>Doctor of Science</b> (physics).</p> <p><b>Pedagogical experience:</b> Experience of preparation and delivery of the special modules (Materials Physics, Surface Analysis Methods, Semester Projects), experience of teaching of academic physics, experience of management of a study programme, experience of supervision of the Bachelor's and/or Master's theses of material technologies study programme. Experience of preparation of methodological tools.</p> <p><b>Experience of research activities:</b> Experience of research work in the area of application of physics, in the area of thin film proton conducting ceramics, experience of participation in the research projects.</p> <p><b>Additionally required experience and competences:</b> Experience of expert-educational-consultation work. At least C1 level of the English language.</p>
Department of Physics	Associate Professor	1,0	F300 Physics	<p><b>Doctor of Science</b> (physics).</p> <p><b>Pedagogical experience:</b> Experience of teaching of special modules (Non-linear Dynamic of Nano Systems, Thermodynamics and Statistical Physics), experience of teaching of academic physics, experience of supervision of the semester's project work of physics study programme and preparation of methodological tools. Experience of coordination of the mentorship programme.</p> <p><b>Experience of research activities:</b> Experience of research work in the area of application of physics, experience of research of the non-equilibrium heterogeneous processes on the surfaces of solid bodies and their mathematical modelling, experience of participation in the research projects.</p> <p><b>Additionally required experience and competences:</b> Experience of expert-educational-consultation work.</p>