

FACULTY OF MATHEMATICS AND NATURAL SCIENCES

Department	Job position	Part of FTE	Study field	Science field	Required competences and experience
Department of Physics	Associate Professor	1,0	C02 Physics F03 Materials Technologies	N002 Physics	<p>Doctor of Science: in the field of Physics N002.</p> <p>Pedagogical experience: experience of teaching physics at the university level; experience of preparation and/or teaching special modules (Solid Body Physics, Electrodynamics); experience of participation in the creation and development of a study programme; useful experience of preparation of methodological tools.</p> <p>Experience of giving lectures in the English language: knowledge of the English language (at least B2 level).</p> <p>Experience of supervision of the students' theses: experience of supervision of the theses of the students of the first and/or second study cycle.</p> <p>Experience of research activities: experience of the publishing of the results of research in the field of physics in the papers in the indexed scientific publications with impact factor; experience of implementation of research projects.</p> <p>Additional required experience and competences: experience of active expert and educational work. Experience of organisation of/participation in scientific/academic/science promotion events.</p>
Department of Physics	Associate Professor	0,75	C02 Physics F03 Materials Technologies	N002 Physics	<p>Doctor of Science: in the field of Materials Engineering T008 or Physics N002.</p> <p>Pedagogical experience: experience of teaching physics at the university level, preparation/teaching of the special modules in the areas of nuclear and particle physics, medical physics, measurement engineering. Experience of giving lectures to the students of the third study cycle, experience of preparation of methodological tools, including visual tools. Ability to integrate the elements of artificial intelligence in the study process; experience of creation and development of study programmes.</p> <p>Experience of giving lectures in the English language: experience of teaching in the English language.</p> <p>Experience of supervision of the students' theses: experience of supervision of the theses of the students of the first and/or second study cycle.</p> <p>Experience of research activities: experience of management and implementation of research projects; useful experience of publishing the research results in CA WoS journals. Experience of implementation of the outsourced R&D works.</p> <p>Additional required experience and competences: experience of participation in the international academic projects; experience of active expert and educational work at the national level; experience of organisation of/participation in international and national scientific/academic/science promotion events.</p>

Department of Mathematical Modelling	Lecturer	1,0	A02 Applied Mathematics	N001 Mathematics	<p>Doctor of Science: in the field of Mathematics N001 or Informatics N009.</p> <p>Pedagogical experience: experience of teaching the modules of higher mathematics and special modules of mathematics.</p> <p>Experience of giving lectures in the English language: experience of teaching in the English language.</p> <p>Experience of supervision of the students' theses: Experience of supervision of the theses of the students of the first and/or second study cycle</p> <p>Experience of research activities: experience of research work in the field of the application of mathematics and publication of papers in the indexed scientific publications with impact factor. Experience of preparation and implementation of research project proposals within the last five years.</p> <p>Additional required experience and competences: experience of active educational activities.</p>
Department of Applied Mathematics	Professor	1,0	A01 Mathematics A02 Applied Mathematics	N001 Mathematics	<p>Doctor of Science: in the field of Mathematics N001.</p> <p>Pedagogical experience: experience of teaching the modules of higher mathematics and special modules of mathematics. Useful experience of preparation of methodological tools.</p> <p>Experience of giving lectures in the English language: experience of teaching in the English language (at least level C1).</p> <p>Experience of supervision of the students' theses: experience of supervision of the theses of the study programmes of (applied) mathematics of the first and/or second study cycle, Doctoral students.</p> <p>Experience of research activities: research field – research or mathematics and/or its applications (finances or big data, or data science or artificial intelligence; experience of the publishing of the results of research in the field of the application of mathematics in the papers in the indexed scientific publications with impact factor; experience of writing tender proposals for national and international research projects, and supervision of research projects in the financial volume of at least 120 thousand euros or R&D orders.</p> <p>Additional required experience and competences: experience of expert-educational-consultation work. Membership of the international research networks/organisations of (applied) mathematics, useful experience of international cooperation and cooperation with business in research projects. Experience of teaching abroad.</p>