

**FACULTY OF MATHEMATICS AND NATURAL SCIENCES**

<b>Department</b>	<b>Job position</b>	<b>Part of FTE</b>	<b>Study field</b>	<b>Science field</b>	<b>Required competences and experience</b>
Department of Mathematical Modelling	Associate Professor	1,0	A02 Applied Mathematics	N 001 Mathematics	<p><b>Doctor of Science in:</b> the field of Mathematics N001 or Informatics N009.</p> <p><b>Pedagogical experience:</b> experience of teaching the modules of higher mathematics and special modules of mathematics. Experience of participation in the process of Doctoral studies.</p> <p><b>Experience of giving lectures in the English language:</b> experience of teaching in the English language (at least level C1).</p> <p><b>Experience of supervision of the students' theses:</b> experience of supervision of theses of the students of the first and/or second study cycle in (applied) mathematics study field. Experience of supervision of theses of the students of the first and/or second study cycle in (applied) mathematics study field.</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. Experience of preparation and implementation of international research project proposals within the last 5 years. Experience of giving presentations at the international scientific conferences.</p> <p><b>Additional required experience and competences:</b> Experience of the use of MatLab software package. Mastering of R programming language. Experience of active participation in educational activities and useful experience of preparation of methodological tools.</p>
Department of Applied Mathematics	Associate Professor	1,0	A02 Applied Mathematics	N 001 Mathematics	<p><b>Doctor of Science in:</b> the field of Mathematics N001 or Informatics N009.</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> experience of teaching in the English language (at least level C1).</p> <p><b>Experience of supervision of the students' theses:</b> experience of supervision of theses of the students of the first and/or second study cycle in (applied) mathematics study field.</p> <p><b>Experience of research activities:</b> experience of research work in the field of the application of mathematics (cryptography, data security or data science, or finances) and publishing of papers in the indexed scientific publications with impact factor. Experience of preparation and implementation of international research project proposals within the last 5 years. Experience of giving presentations at the international scientific conferences.</p> <p><b>Additional required experience and competences:</b> Useful experience of active participation in educational activities and preparation of methodological tools. Experience of implementation of R&amp;D orders, organisation of international scientific and/or academic events. Experience of coordination, supervision and/or expert assessment of study programmes.</p>

Department of Applied Mathematics	Lecturer	1,0	A02 Applied Mathematics	N 001 Mathematics	<p><b>Doctor of Science in:</b> the field of Mathematics N001 or Informatics N009.</p> <p><b>Pedagogical experience:</b> experience of teaching the modules of higher mathematics and special modules of mathematics.</p> <p><b>Experience of supervision of the students' theses:</b> experience of supervision of theses of the students of the first and/or second study cycle.</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. Experience of preparation and implementation of international research project proposals within the last 5 years.</p> <p><b>Additional required experience and competences:</b> Experience of active participation in educational activities.</p>
Department of Applied Mathematics	Professor	1,0	A01 Mathematics A02 Applied Mathematics	N 001 Mathematics	<p><b>Doctor of Science in:</b> the field of Mathematics N001.</p> <p><b>Pedagogical experience:</b> experience of preparation and delivery of the modules of higher mathematics and special modules of mathematics. Useful experience of preparation of methodological tools.</p> <p><b>Experience of giving lectures in the English language:</b> experience of teaching in the English language (at least level C1).</p> <p><b>Experience of supervision of the students' theses:</b> experience of supervision of theses of the students of the first and/or second study cycle in (applied) mathematics study field.</p> <p><b>Experience of research activities:</b> field of the research work – research and/or application of mathematics (finances or big data or data science); 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 international research projects in the financial volume of at least 120 thousand euros or of R&amp;D orders. Experience of supervision of the Doctoral students of (applied) mathematics.</p> <p><b>Additional required experience and competences:</b> experience of expert-educational-consultation work. Membership of the international research networks and/or organisations, useful experience of organisation of the international scientific events, useful experience of international cooperation and cooperation with business in research projects. Experience of teaching abroad.</p>