

## FACULTY OF CHEMICAL TECHNOLOGY

Name of the division	Name of the position	Part of FTE	Study field	Required competences and experience
Institute of Synthetic Chemistry	Researcher	1,0	C01 Chemistry	<p><b>Doctor of Science</b> in the field of Chemistry;</p> <p><b>Pedagogical experience</b> of teaching the modules related to organic chemistry.</p> <p><b>Experience of research activities:</b> at least 10 years of research work experience in the area of research of synthesis of heterocyclic compounds and research of their properties. Experience of implementation and management of research projects. Participation in implementation of the outsourced research.</p> <p><b>Experience of supervision of the students' theses:</b> in the first and second cycle study programmes.</p> <p><b>Knowledge of specific technologies:</b> work with BMR spectrometer (certificate).</p> <p><b>Additionally required experience and competences:</b> to know how to work with LS-MS chromatography system; the use of HPLC/MS and HPLC/BMR methods in the analysis of organic compounds.</p>
Department of Food Science and Technology	Associate Professor	1,0	F06 Food Technologies	<p><b>Doctor of Science</b> in the field of Chemical Engineering;</p> <p><b>Pedagogical experience:</b> at least 5 years of pedagogical experience of teaching of the subjects related to designing of the food companies, science and technologies of milk and dairy products, membrane filtration technology.</p> <p><b>Experience of research activities</b> in the research of milk, dairy products and their technological processes as well as natural biologically active additives, in the development of new products and packages of higher value.</p> <p><b>Experience of supervision of the students' theses</b> (first and second cycle).</p> <p><b>Additionally required experience and competences:</b> Experience of implementation and management of scientific projects and orders of the third parties.</p>
Department of Environmental Technology department	Professor	1,0	E03 Environmental Engineering	<p><b>Doctor of Science</b> in the field of Environmental Engineering;</p> <p><b>Pedagogical experience:</b> at least 5 years of pedagogical work experience of teaching of the subjects of waste collection and processing technologies.</p> <p><b>Experience of research activities</b> in the research of waste deposition and material recovery from waste.</p> <p><b>Experience of supervision of the students' theses</b> (first and second cycle, and doctoral students).</p> <p><b>Additionally experience and competences:</b> Experience of management and implementation of international and national research and study projects.</p>
Department of Organic Chemistry	Associate Professor	0,5	C01 Chemistry	<p><b>Doctor of Science</b> in the field of Chemistry;</p> <p><b>Pedagogical experience:</b> at least 4 years of pedagogical experience of teaching the subjects related to organic chemistry.</p> <p><b>Experience of research activities:</b> at least 5 years of research experience conducting the synthesis and research of the photoactive organic compounds for optoelectronics. Experience of implementation and management of research projects.</p>

				<i>Experience of supervision of the students' theses</i> (first and second cycle study programmes). <b>Knowledge of specific technologies:</b> knowledge of the development of materials for optoelectronics.
Department of Organic Chemistry	Associate Professor	0,5	C01 Chemistry	<b>Doctor of Science</b> in the field of Chemistry; <b>Pedagogical experience:</b> at least 4 years of pedagogical experience of teaching the subjects related to medicinal chemistry. <b>Experience of research activities:</b> at least 5 years of research experience in the area of synthesis of heterocyclic compounds and research of their properties. <b>Experience of supervision of the students' theses</b> (first and second cycle study programmes).
Department of Organic Chemistry	Researcher	0,5	C01 Chemistry	<b>Doctor of Science</b> in the field of Chemistry; <b>Experience of research activities:</b> at least 5 years of research experience in the area of synthesis of heterocyclic compounds and research of their properties. Experience of implementation of research projects. <b>Additionally required experience and competences:</b> experience of work with liquid chromatography-mass spectrometry system.
Department of Polymer Chemistry and Technology	Professor	1,0	C01 Chemistry, E11 Chemical Engineering, F05 Biotechnology	<b>Doctor of Science</b> in the field of Chemical Technology. <b>Pedagogical experience:</b> At least 15 years of pedagogical work experience of teaching of the subjects in the fields of chemistry, chemical engineering and industrial biotechnology. <b>Experience of research activities:</b> research experience in the area of leather and fur chemistry and technology. <b>Experience of supervision of the students' theses</b> (first, second cycle and doctoral students). <b>Additionally required experience and competences:</b> Experience of management and implementation of international and national research and study projects.
Department of Silicate Technology	Lecturer	1,0	T05 Chemical Engineering	<b>Master's degree</b> in the field of Chemical Engineering. <b>Pedagogical experience:</b> experience of supervision of the students' theses or research internship. <b>Experience of research activities:</b> at least 3 years of research experience in the area of silicate chemistry and technology. Experience of implementation of research projects. <b>Knowledge of specific technologies:</b> experience of synthesis of inorganic compounds, determination of their chemical and mineral composition. <b>Additionally required experience and competences:</b> experience of work with Diffrac.Topas software.
Department of Physical and Inorganic Chemistry	Lecturer	0,5	T05 Chemical Engineering	<b>Doctor of Science</b> in the field of Chemical Engineering; <b>Pedagogical experience:</b> Experience of pedagogical work (teaching), supervision of the students' theses and research internship in the area of physical chemistry and chemical technology of inorganic materials. <b>Experience of research activities:</b> at least 5 years of research experience in the area of chemical technology of inorganic materials. Experience of implementation of scientific projects or outsourced works. <b>Knowledge of specific technologies:</b> production technologies of inorganic materials (fertilisers), experience of determination of chemical composition and physical properties of various compound fertilisers.

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