

## FACULTY OF MECHANICAL ENGINEERING AND DESIGN

Department	Job position	Part of FTE	Study field	Science field	Required competencies and experience
Department of Energy	Professor	0.25	Energy Engineering E13	Energy and Thermal Engineering T006	<p><b>Doctor of Science</b> in the field of Energy and Thermal Engineering.</p> <p><b>Pedagogical experience:</b> teaching topics related to nuclear energy in the study modules, experience in the activities of the doctoral committee.</p> <p><b>Experience of research activities:</b> in international projects.</p> <p><b>Additional required experience and competencies:</b> involvement in the activities of national and international organisations.</p>
Department of Mechanical Engineering	Lecturer	1.0	Mechanical Engineering E06	Mechanical Engineering T009	<p><b>Doctor of Science</b> in the field of Technological Sciences.</p> <p><b>Pedagogical experience:</b> teaching modules related to structural resistance and numerical analysis, such as Mechanics of Materials, Engineering Mechanics, Resistance of Structures, Resistance of Structural Elements.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first study cycle.</p> <p><b>Experience of research activities:</b> experience in preparing research project proposals, experience in implementing research projects, experience in performing R&amp;D services and orders.</p> <p><b>Knowledge of specific technologies:</b> knowledge of modern computer-aided engineering design and analysis technologies (CAD/CAM/CAE) in the design and calculation of the elements of mechanical systems.</p>
Department of Mechanical Engineering	Professor	1.0	Mechanical Engineering E06	Mechanical Engineering T009	<p><b>Doctor of Science</b> In the field of Technological Sciences.</p> <p><b>Pedagogical experience:</b> teaching modules related to structural resistance and numerical analysis, such as Mechanics of Materials, Resistance of Structures, Light-Weight Structures, Resistance of Structural Elements, Lightweight Structures, Computational Mechanics of Deformable Bodies.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first, second and third study cycles.</p> <p><b>Experience of research activities:</b> experience in implementing research projects and preparing project proposals; experience in attracting orders from business enterprises.</p> <p><b>Additional required experience and competencies:</b> knowledge of computer-aided engineering design and analysis technologies (CAD/CAM/CAE, experience in the application of experimental mechanics methods for the stress-strain analysis of structures, knowledge of composite mechanics.</p>

Department of Production Engineering	Associate Professor	0.5	Polymer and Textile Technologies F02, Production Engineering E10	Materials Engineering T008	<p><b>Pedagogical experience:</b> have experience in teaching in the study field of polymer and textile technologies and coordinating interdisciplinary study modules in the Lithuanian language.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages. English language level at least C1.</p> <p><b>Experience of supervision of the students' theses:</b> first, second and third study cycles and study projects.</p> <p>Supervision of the students' theses in the English language.</p> <p><b>Experience of research activities:</b> have experience in preparing and implementing international research projects. Have experience in implementing interdisciplinary research projects as a researcher in the science field of Materials Engineering.</p>
Department of Production Engineering	Lecturer	1.0	Production Engineering E10	Mechanical Engineering T009	<p><b>Pedagogical experience:</b> have experience in teaching subjects in the study field of Production Engineering related to additive manufacturing technologies, have work experience in the application of advanced study methods.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages. English language level at least C1.</p> <p><b>Experience of research activities:</b> have experience in research activities in implementing study and research projects related to additive technologies and innovative composite materials.</p>
Department of Production Engineering	Senior researcher	0.5	-	Mechanical Engineering T009	<p><b>Experience of research activities:</b> have experience in managing and implementing national and international research projects and R&amp;D works.</p> <p><b>Experience of giving lectures in the following languages:</b> English language.</p>
Department of Transport Engineering	Professor	0.5	Transport Engineering E12	Transport Engineering T003	<p><b>Doctor of Science</b> in the field of Transport Engineering.</p> <p><b>Pedagogical experience:</b> teaching study modules Alternative Fuels and Power Plants in Vehicles, Efficient Transport System in logistics.</p> <p><b>Experience of giving lectures in the following languages:</b> English language at level C1.</p> <p><b>Experience of supervision of the students' theses:</b> third study cycle.</p> <p><b>Experience of research activities:</b> in the area of biofuel, experience in preparing proposals for external funding for tenders.</p> <p><b>Additional required experience and competencies:</b> experience in representation in international networks and organisations.</p>
Design Centre	Professor	0.25	Visual Arts V000	Design V003	<p><b>Pedagogical experience:</b> Fundamentals of Clothing Construction and Modelling, Sustainable Development, Innovation in Fashion Design, Image Design and Communication, Fashion Collections, Fashion Product Development, Evolution of Fashion.</p> <p><b>Experience of giving lectures in the following languages:</b> English language.</p> <p><b>Experience of supervision of the students' theses:</b> first and second study cycles.</p> <p><b>Experience of research activities:</b> conducted project activities.</p> <p><b>Knowledge of specific technologies:</b> knowledge and experience in clothing design, technology and construction.</p> <p><b>Additional required experience and competencies:</b> experience in clothing business enterprise.</p>

Design Centre	Associate Professor	0.5	Visual Arts V000	Design V003	<p><b>Master's degree</b> in the fields of Visual Arts, Design or Architecture.</p> <p><b>Pedagogical experience:</b> Product Design, Bionics and Design, Prototyping Methods, Creative Workshop in Design, Design for Sustainable Development.</p> <p><b>Experience of giving lectures in the following languages:</b> English language.</p> <p><b>Experience of research activities:</b> exhibitions prepared and cultural events in the field of design, prepared proposals for external funding for tenders, conducted project activities, orders from third parties, participation in and development of international cultural networks.</p> <p><b>Knowledge of specific technologies:</b> using 3Dprinting, CNC and other digital production technologies for prototyping design objects.</p> <p><b>Additional required experience and competencies:</b> at least 5 years of practical experience abroad in the field of design.</p>
Centre of Packing Innovations and Research	Junior Researcher	1.0	-	Materials Engineering T008, Environmental Engineering T004	<p><b>Experience of research activities:</b> work experience in the research field of the development and application of bio-based polymers and their composites for packages, research on the biodegradability or recyclability/repulping properties of cellulose products and their composites.</p> <p><b>Knowledge of specific technologies:</b> work experience in laboratory testing of the physico-mechanical properties of packaging materials (paper composites, flexible plastics). a</p> <p><b>Additional required experience and competencies:</b> experience in promoting research and studies. Practical knowledge/knowledge of the requirements of ISO 5263, TAPPI T 205, TAPPI T 275, SP 98 standards and ability to apply these requirements in practical activities.</p>