

FACULTY OF CIVIL ENGINEERING AND ARCHITECTURE

Name of the division	Name of the position	Part of FTE	Study field	Required competences and experience
Civil Engineering and Architecture Competence Centre	Professor	1,0	E05 Civil Engineering	<p>Doctor of Science: in the science field of technologies, and construction engineering (02T Construction Engineering);</p> <p>Pedagogical experience: at least 10 years of pedagogical work experience;</p> <p>Experience of research activities: experience of research activities in the areas of construction engineering and construction technologies; experience of management of the scientific group, research projects, preparation of scientists and cooperation with business;</p> <p>Additionally required experience and competences: knowledge and competence of work with building information modelling software Revit, Navisworks, Solibri, Tekla (3D, 4D and 5D models), teaching of the study modules of building construction technologies, good knowledge of the English language.</p>
Civil Engineering and Architecture Competence Centre	Professor	0,5	P09 Architecture	<p>Doctor of Science in the field of Environmental Engineering (04T).</p> <p>Pedagogical experience: at least 10 years of pedagogical experience of teaching modules in the Lithuanian and English languages; GIS, Machine Learning, Predictive Analytics, Data Visualization, Capstone Research Project;</p> <p>Experience of supervision of the students' theses: Master's and Doctoral students;</p> <p>Experience of research activities: experience of management of the national and international research projects in the topic of sustainable cities, participation in the international scientific networks, experience of work in a management position (management of the work group).</p> <p>Knowledge of specific technologies: machine learning and deep learning, data analytics and forecasts, data visualisation, artificial intelligence, GIS, Python, Tableau.</p> <p>Additionally required experience and competences: at least 30 scientific publications in the peer-reviewed scientific journals, at least 10 of them in Scopus/WoS databases, at least 5 publications in the proceedings of the international conference presentations. C1 level of the English language.</p>
Civil Engineering and Architecture Competence Centre	Lecturer	0,25	E05 Civil Engineering	<p>Doctor of Science in the field of Civil Engineering (02T).</p> <p>Pedagogical experience: at least 5 years of pedagogical experience teaching in the areas of construction mechanics, transportation and special purpose buildings, wooden constructions in the Lithuanian and English languages.</p> <p>Experience of supervision of the students' theses: first and second cycle theses in the topic of building structures.</p> <p>Additionally required experience and competences: mandatory experience in the areas of road and transportation buildings, and design and research of building structures.</p>
Civil Engineering and Architecture Competence Centre	Chief Researcher	0,5	E05 Civil Engineering	<p>Doctor of Science in the science fields of the area of Technologies (02T, 06T or 09T).</p> <p>Pedagogical experience: at least 10 years of pedagogical work experience.</p> <p>Experience of research activities: management of the national and international research projects in the areas of construction, energy, sustainable and renewable energy production. Participation in the international scientific networks. Experience of work in a management position (management of the work group or laboratory). At least 50 scientific publications in Scopus/WoS databases, Scopus/WoS h index – at least 15, at least 20 publications in the proceedings of the international conference presentations.</p> <p>Additionally required experience and competences: ability to apply numerical modelling software Comsol Multiphysics, Icem, CFD, ANSYS CFD, Gabi (life cycle assessment), TecPlot, EnergyPlus.</p>

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